

# Adipsin rabbit pAb

Cat No.:ES20308

For research use only

## Overview

|                          |                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name             | Adipsin rabbit pAb                                                                                                                                                                                                                                                                                                                                                                          |
| Host species             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                      |
| Applications             | WB; ELISA                                                                                                                                                                                                                                                                                                                                                                                   |
| Species Cross-Reactivity | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                            |
| Recommended dilutions    | WB 1:1000-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen                | Synthesized peptide derived from human Adipsin AA range: 101-150                                                                                                                                                                                                                                                                                                                            |
| Specificity              | This antibody detects endogenous levels of Human Adipsin                                                                                                                                                                                                                                                                                                                                    |
| Formulation              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                     |
| Storage                  | Store at -20°C . Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                         |
| Protein Name             | Adipsin                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Name                | CFD DF PFD                                                                                                                                                                                                                                                                                                                                                                                  |
| Cellular localization    | Secreted.                                                                                                                                                                                                                                                                                                                                                                                   |
| Purification             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                       |
| Clonality                | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration            | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                     |
| Observed band            |                                                                                                                                                                                                                                                                                                                                                                                             |
| Human Gene ID            | 1675                                                                                                                                                                                                                                                                                                                                                                                        |
| Human Swiss-Prot Number  | P00746                                                                                                                                                                                                                                                                                                                                                                                      |
| Alternative Names        | Complement factor D (EC 3.4.21.46;Adipsin;C3 convertase activator;Properdin factor D)                                                                                                                                                                                                                                                                                                       |
| Background               | catalytic activity:Selective cleavage of Arg- -Lys bond in complement factor B when in complex with complement subcomponent C3b or with cobra venom factor.,disease:Defects in CFD are the cause of complement factor D deficiency [MIM:134350]. This deficiency predisposes to invasive meningococcal disease.,function:Factor D cleaves factor B when the latter is complexed with factor |





**ELK Biotechnology**

C3b, activating the C3bbb complex, which then becomes the C3 convertase of the alternate pathway. Its function is homologous to that of C1s in the classical pathway.,online information:CFD mutation db,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 peptidase S1 domain.,



+86-27-59760950

[ELKbio@ELKbiotech.com](mailto:ELKbio@ELKbiotech.com)

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C