



# ADAMTS-12 rabbit pAb

Cat No.:ES7651

For research use only

## Overview

|                                 |  |
|---------------------------------|--|
| <b>Product Name</b>             | ADAMTS-12 rabbit pAb   |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | IHC;IF;ELISA   |
| <b>Species Cross-Reactivity</b> | Human;Rat;Mouse;   |
| <b>Recommended dilutions</b>    | Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.   |
| <b>Immunogen</b>                | Synthesized peptide derived from ADAMTS-12 . at AA range: 1100-1180  |
| <b>Specificity</b>              | ADAMTS-12 Polyclonal Antibody detects endogenous levels of ADAMTS-12 protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | A disintegrin and metalloproteinase with thrombospondin motifs 12  |
| <b>Gene Name</b>                | ADAMTS12   |
| <b>Cellular localization</b>    | Secreted, extracellular space, extracellular matrix .  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |
| <b>Concentration</b>            | 1 mg/ml  |
| <b>Observed band</b>            |  |
| <b>Human Gene ID</b>            | 81792  |
| <b>Human Swiss-Prot Number</b>  | P58397   |
| <b>Alternative Names</b>        | ADAMTS12; A disintegrin and metalloproteinase with thrombospondin motifs 12; ADAM-TS 12; ADAM-TS12; ADAMTS-12  |
| <b>Background</b>               | This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase |





domain, a disintegrin-like domain, and a thrombospondin type 1 (TS-1) motif. Individual members of this family differ in the number of C-terminal TS-1 motifs, and some have unique C-terminal domains. The enzyme encoded by this gene contains eight TS-1 motifs. It may play roles in pulmonary cells during fetal development or in tumor processes through its proteolytic activity or as a molecule potentially involved in regulation of cell adhesion. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

