



# EEA1 rabbit pAb

Cat No.:ES3758

For research use only

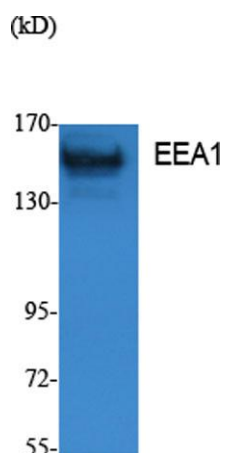
## Overview

Product Name	EEA1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human EEA1. AA range:205-254
Specificity	EEA1 Polyclonal Antibody detects endogenous levels of EEA1 protein.
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	Early endosome antigen 1
Gene Name	EEA1
Cellular localization	Cytoplasm. Early endosome membrane; Peripheral membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	162kD
Human Gene ID	8411
Human Swiss-Prot Number	Q15075
Alternative Names	EEA1; ZFYVE2; Early endosome antigen 1; Endosome-associated protein p162; Zinc finger FYVE domain-containing protein 2
Background	disease:Antibodies against EEA1 are found in sera from patients with subacute cutaneous lupus erythematosus and other autoimmune diseases.,domain:The FYVE-type zinc finger domain

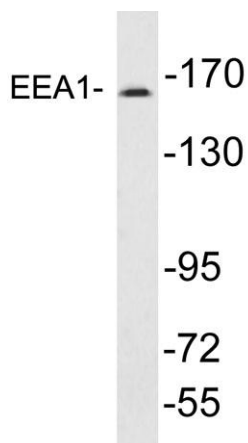




mediates interactions with phosphatidylinositol 3-phosphate.,function: Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in endosomal trafficking.,similarity: Contains 1 C2H2-type zinc finger.,similarity: Contains 1 FYVE-type zinc finger.,subunit: Homodimer. Binds STX6. Binds RAB5A, RAB5B, RAB5C and RAB22A that have been activated by GTP-binding.,



Western Blot analysis of extracts from K562 cells, using EEA1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysates from A431 cells , using EEA1 antibody.

