



EEA1 Polyclonal Antibody

Catalog No	YP-Ab-04296
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	EEA1
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cell and organelle markers;early endosome antigen 1;EEA1;Endosome Marker; MST105;MSTP105;ZFYVE2;Endosome-associated protein p162;Zinc finger FYVE domain-containing protein 2
Observed Band	162kD
Calculated Molecular Weight	162kD
Cell Pathway	Cytoplasm. Early endosome membrane; Peripheral membrane protein.
Tissue Specificity	Aorta,Cervix carcinoma,Fetal brain cortex,Skeletal muscle,
Function	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.,

**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.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

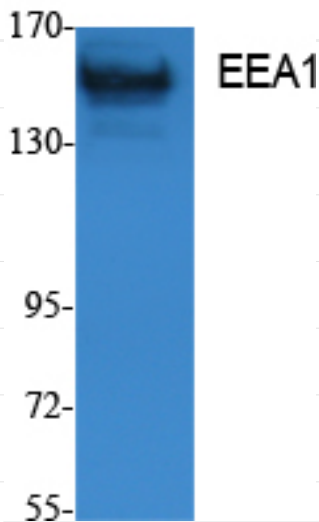
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Products Images

(kD)

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.

