

EEA1 Polyclonal Antibody

Catalog No :	YT5028
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	EEA1
Fields :	>>Endocytosis;>>Phagosome;>>Tuberculosis
Gene Name :	EEA1
Protein Name :	Early endosome antigen 1
Human Gene Id :	8411
Human Swiss Prot No :	Q15075
Mouse Gene Id :	216238
Mouse Swiss Prot No :	Q8BL66
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
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
Observed Band :	<u>162kD</u>
Cell Pathway :	<u>Endocytosis;</u>
Background :	<u>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.,</u>
Function :	<u>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.,</u>
Subcellular Location :	<u>Cytoplasm. Early endosome membrane; Peripheral membrane protein.</u>
Expression :	<u>Aorta,Cervix carcinoma,Fetal brain cortex,Skeletal muscle,</u>

Products Images