

## EEA1 Polyclonal Antibody

<b>Catalog No :</b>	YT5028
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	EEA1
<b>Fields :</b>	>>Endocytosis;>>Phagosome;>>Tuberculosis
<b>Gene Name :</b>	EEA1
<b>Protein Name :</b>	Early endosome antigen 1
<b>Human Gene Id :</b>	8411
<b>Human Swiss Prot No :</b>	Q15075
<b>Mouse Gene Id :</b>	216238
<b>Mouse Swiss Prot No :</b>	Q8BL66
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human EEA1. AA range:205-254
<b>Specificity :</b>	EEA1 Polyclonal Antibody detects endogenous levels of EEA1 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

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**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 162kD

**Cell Pathway :** Endocytosis;

**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.,

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**Subcellular Location :** Cytoplasm. Early endosome membrane; Peripheral membrane protein.

**Expression :** Aorta,Cervix carcinoma,Fetal brain cortex,Skeletal muscle,

## Products Images