

Rabbit anti-Human, Mouse EEA1 Polyclonal Antibody | anti-EEA1 antibody

Rabbit anti-EEA1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211670	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

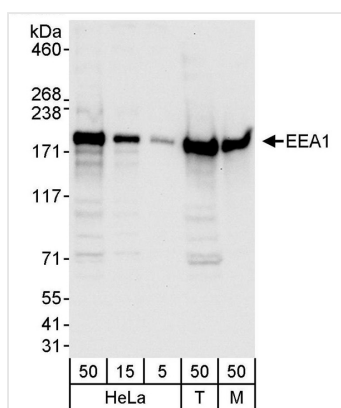
PRODUCT SYNONYMS

EEA1; Polyclonal Antibody; Rabbit anti-EEA1 Antibody; Affinity Purified; early endosome antigen 1; 162kD; early endosome-associated protein; endosome-associated protein p162; MST105; MSTP105; ZFYVE2; zinc finger FYVE domain-containing protein 2; Early endosome antigen 1; anti-EEA1 antibody

PRODUCT SPECIFICATIONS

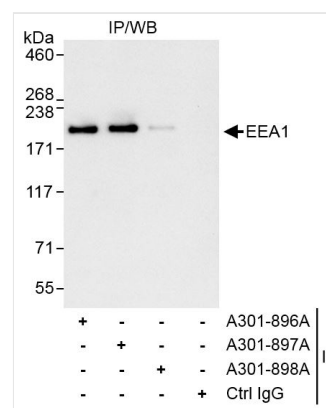
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-EEA1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 200 and 250
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse EEA1 by western blot. Samples: Whole cell lysate from HeLa (5, 15, and 50 ug), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibody: Affinity purified rabbit anti-EEA1 antibody AAA211670-(lot AAA211670-1) used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human EEA1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-EEA1 antibody AAA211670 (lot AAA211670-1) used for IP at 3 ug/mg lysate. EEA1 was also immunoprecipitated by rabbit anti-EEA1 antibodies and which recognize other epitopes. For blotting immunoprecipitated EEA1, AAA211670 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-EEA1 antibody	Early endosomal autoantigen 1 (EEA1) bears an FYVE (Fab1p-YOPB-Vps27p-EEA1) domain which is an approximately 80 amino acid double-zinc binding motif that binds to PtdIns(3)P (phosphatidylinositol 3-phosphate). The FYVE domain is found in proteins involved in intracellular signaling, membrane trafficking, and cytoskeletal rearrangement. EEA1 binds to early endosomal membranes that contain PtdIns(3)P and plays a role in the docking and fusion of early endosomes.
Product Categories/Family for anti-EEA1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	110227599
NCBI GeneID	8411
NCBI Accession #	NP_003557.2
NCBI GenBank Nucleotide #	NM_003566
UniProt Accession #	Q15075; Q14221
Molecular Weight	162,466 Da
NCBI Official Full Name	Homo sapiens early endosome antigen 1 (EEA1), mRNA
NCBI Official Synonym Full Names	early endosome antigen 1
NCBI Official Symbol	EEA1
NCBI Official Synonym Symbols	MST105; ZFYVE2; MSTP105
NCBI Protein Information	early endosome antigen 1; early endosome antigen 1, 162kD; early endosome-associated protein; endosome-associated protein p162; zinc finger FYVE domain-containing protein 2
UniProt Protein Name	Early endosome antigen 1
UniProt Gene Name	EEA1
UniProt Synonym Gene Names	ZFYVE2
UniProt Entry Name	EEA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/eea1-antibody-immunoprecipitation-western-blot-elisa/211670>