

Goat anti-EEA1 (aa821-835) Antibody

Item Number	dAP-3157
Target Molecule	Principle Name: EEA1 (aa821-835); Official Symbol: EEA1; All Names and Symbols: EEA1; early endosome antigen 1; MST105; MSTP105; ZFYVE2; early endosome antigen 1, 162kD; early endosome-associated protein; endosome-associated protein p162; zinc finger FYVE domain-containing protein 2; Accession Number (s): NP_003557.2; Human Gene ID(s): 8411; Non-Human GeneID(s):
Immunogen	QETKIQHEELNNRIQ, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 200kDa band observed in lysates of cell line HEK293 (calculated MW of 162kDa according to NP_003557.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommend
IHC	
Reference	Reference(s): Mishra A, Eathiraj S, Corvera S, Lambright DG. Structural basis for Rab GTPase recognition and endosome tethering by the C2H2 zinc finger of Early Endosomal Autoantigen 1 (EEA1). Proc Natl Acad Sci U S A. 2010 Jun 15;107(24):10866-71..PMID: 20534488->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**