

Anti-Epsin 1 Rabbit Monoclonal Antibody

Catalog # ABO16303

Product Information

Application	WB, IF, ICC
Primary Accession	Q9Y6I3
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Epsin 1 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	29924
Other Names	Epsin-1, EH domain-binding mitotic phosphoprotein, EPS-15-interacting protein 1, EPN1
Calculated MW	60293
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 28E39
Immunogen	A synthesized peptide derived from human Epsin 1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

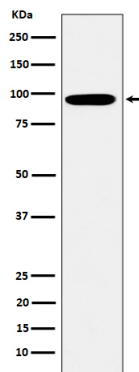
Protein Information

Name	EPN1
Function	Binds to membranes enriched in phosphatidylinositol 4,5- biphosphate (PtdIns(4,5)P2). Modifies membrane curvature and facilitates the formation of clathrin-coated invaginations (By similarity). Regulates receptor-mediated endocytosis (PubMed: 10393179 , PubMed: 10557078).

Cellular Location

Cytoplasm. Cell membrane; Peripheral membrane protein. Nucleus. Membrane, clathrin-coated pit Note=Associated with the cytoplasmic membrane at sites where clathrin-coated pits are forming. Colocalizes with clathrin and AP-2 in a punctate pattern on the plasma membrane. Detected in presynaptic nerve terminals and in Golgi stacks. May shuttle to the nucleus when associated with ZBTB16/ZNF145 (By similarity).

Images



Western blot analysis of Epsin 1 expression in K562 cell lysate.

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