

Epsin 1 Polyclonal Antibody
Catalog # AP69784**Specification**

Epsin 1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9Y6I3
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Epsin 1 Polyclonal Antibody - Additional Information**Gene ID** 29924**Other Names**

EPN1; Epsin-1; EH domain-binding mitotic phosphoprotein; EPS-15-interacting protein 1

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Epsin 1 Polyclonal Antibody - 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

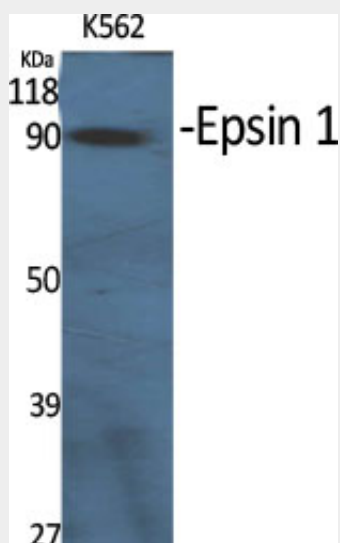
Cytoplasm. Cell membrane; Peripheral membrane protein. Nucleus. Membrane, clathrin-coated pit Note=Associated with the cytoplasmic membrane at sites where clathrin- coated pits are forming. Colocalizes with clathrin and AP-2 in a punctate pattern on the plasma membrane. Detected in presynaptic nerve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

Epsin 1 Polyclonal Antibody - Protocols

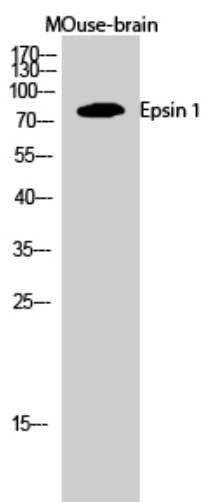
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

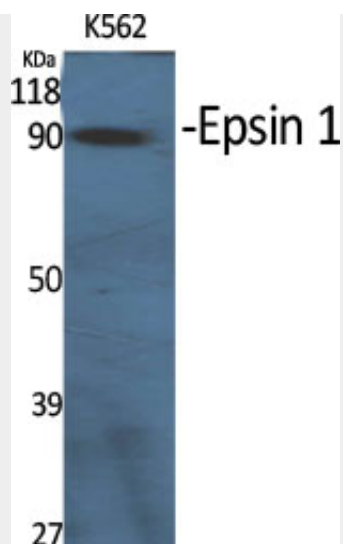
Epsin 1 Polyclonal Antibody - Images



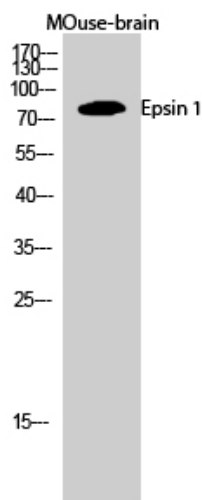
Western Blot analysis of various cells using Epsin 1 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of MOuse-brain cells using Epsin 1 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of various cells using Epsin 1 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of MOuse-brain cells using Epsin 1 Polyclonal Antibody diluted at 1:1000

Epsin 1 Polyclonal Antibody - Background

Binds to membranes enriched in phosphatidylinositol 4,5- bisphosphate (PtdIns(4,5)P₂). Modifies membrane curvature and facilitates the formation of clathrin-coated invaginations (By similarity). Regulates receptor-mediated endocytosis.