

Mouse anti-Human EPN1 Monoclonal Antibody | anti-EPN1 antibody

EPN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312034	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

EPN1; Monoclonal Antibody; EPN1 Antibody; EH domain binding mitotic phosphoprotein antibody; EH domain-binding mitotic phosphoprotein antibody; EPN 1 antibody; Epn1 antibody; EPN1_HUMAN antibody; EPS 15 interacting protein 1 antibody; EPS-15-interacting protein 1 antibody; Epsin 1 antibody; Epsin-1 antibody; anti-EPN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	F9-F7
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-EPN1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



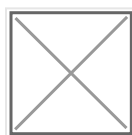
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of A431 cells with EPN1 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



WB (Western Blot)

Western blot analysis of EPN1 on HEK293 (1) and EPN1-hlgGfc transfected HEK293 (2) cell lysate using anti-EPN1 antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of EPN1 on human EPN1 recombinant protein using anti-EPN1 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-EPN1 antibody	Epsin 1 (EPN1) is an endocytic accessory protein, with significant similarity to the Xenopus mitotic phosphoprotein MP90. Epsin 1 interacts with Eps15 (the alpha subunit of the Clathrin adaptor AP2), Clathrin and other accessory proteins. The mitotic phosphorylation of these proteins may be one of the mechanisms by which the invagination of Clathrin-coated pits is blocked in mitosis. Both epsin and Eps15, like other cytosolic components of the synaptic vesicle endocytic machinery, undergo constitutive phosphorylation and depolarization-dependent dephosphorylation in nerve terminals. Epsin 1 also contributes to the mechanism of Clathrin-vesicle-dependent endocytosis. The human Epsin 1 protein contains an epsin N-terminal homology (ENTH) region and a single Clathrin-binding (LVDLD) motif. Epsin 1 localizes to the leading edge of a vesicular coated pit where the membrane is being actively bent.
Product Categories/Family for anti-EPN1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27882405
NCBI GeneID	29924
UniProt Accession #	Q9Y6I3; Q86ST3; Q9HA18
Molecular Weight	69,040 Da
NCBI Official Full Name	Epsin 1
NCBI Official Synonym Full Names	epsin 1
NCBI Official Symbol	EPN1
NCBI Protein Information	epsin-1
UniProt Protein Name	Epsin-1
UniProt Gene Name	EPN1

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/epn1-antibody-clone-f9-f7-flow-cytometry-western-blot-elisa/312034>