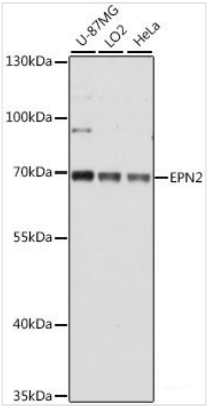
EPN2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EPN2, Polyclonal Antibody
Full Product Name	EPN2 Polyclonal Antibody
Product Gene Name	anti-EPN2 antibody
Product Synonym Names	EPN2; EHB21; epsin-2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Purity/Purification	Affinity purification
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	68,482 Da
Chromosome Location	Chromosome: 17; NC_000017.10 (19140690..19240028). Location: 17p11.2
OMIM	607263
3D Structure	ModBase 3D Structure for O95208
Immunogen	Recombinant fusion protein of human EPN2 (NP_6837232)
Conjugation	Unconjugated
Product Categories/Family for anti-EPN2 antibody	Signal Transduction; Polyclonal Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-EPN2 antibody	Western Blot (WB)
Application Notes for anti-EPN2 antibody	WB: 1:500-1:2000
Related Product Information for anti-EPN2 antibody	This gene encodes a protein which interacts with clathrin and adaptor-related protein complex 2, alpha 1 subunit. The protein is found in a brain-derived clathrin-coated vesicle fraction and localizes to the peri-Golgi region and the cell periphery. The protein is thought to be involved in clathrin-mediated endocytosis. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms.
Other Notes	Small volumes of anti-EPN2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for EPN2 purchase	MBS2565523 is an antibody targeting EPN2. Also known as EPN2 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-EPN2 antibody
Western blot analysis of extracts of various cell lines using EPN2 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EPN2. It may not necessarily be applicable to this product.

NCBI GI #	156671215
NCBI GeneID	22905
NCBI Accession #	NP_055779.2
UniProt Primary Accession #	O95208
UniProt Secondary Accession #	O95207; Q9H7Z2; Q9UPT7
UniProt Related Accession #	O95208
GenBank Nucleotide #	NM_014964.4
NCBI Official Full Name	epsin-2 isoform b
NCBI Official Synonym Full Names	epsin 2
NCBI Official Symbol	EPN2
NCBI Official Synonym Symbols	EHB21
UniProt Protein Name	Epsin-2
UniProt Synonym Protein Names	EPS-15-interacting protein 2
UniProt Gene Name	EPN2
UniProt Synonym Gene Names	KIAA1065
UniProt Entry Name	EPN2_HUMAN
NCBI Protein Information	epsin-2; Eps15 binding protein; EPS-15-interacting protein 2

UniProt Comments for EPN2	epsin 2: Plays a role in the formation of clathrin-coated invaginations and endocytosis. Belongs to the epsin family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Vesicle Chromosomal Location of Human Ortholog: 17p11.2 Cellular Component: nucleoplasm; Golgi apparatus; intracellular membrane-bound organelle Molecular Function: lipid binding Biological Process: Notch signaling pathway; in utero embryonic development; embryonic organ development; endocytosis
Research Articles on EPN2	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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