

Rabbit ENTH Polyclonal Antibody | anti-CLINT1 antibody

ENTH Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287070	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Immunohistochemistry, ELISA, Western Blot

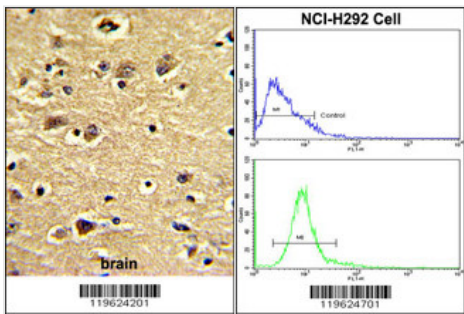
PRODUCT SYNONYMS

ENTH; Polyclonal Antibody; ENTH Antibody (Center); Clathrin interactor 1; Clathrin-interacting protein localized in the trans-Golgi region; Clint; Enthoprotin; Epsin-4; Epsin-related protein; EpsinR; CLINT1; EPN4; EPNR; KIAA0171; anti-CLINT1 antibody

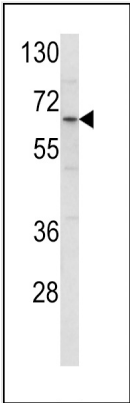
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ENTH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 222-249 amino acids from the Central region of human ENTH.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	222-249
Sequence Length	643
Applicable Applications for anti-CLINT1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
LEFT)Formalin-fixed and paraffin-embedded human brain with ENTH Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.(RIGHT)Flow cytometric analysis of NCI-H292 cells using ENTH Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ENTH Antibody (Center) in HL-60 cell line lysates (35ug/lane). ENTH (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CLINT1 antibody	ENTH binds to membranes enriched in phosphatidylinositol-4,5-biphosphate (PtdIns(4,5)P2). It May have a role in transport via clathrin-coated vesicles from the trans-Golgi network to endosomes. It stimulates clathrin assembly.
Product Categories/Family for anti-CLINT1 antibody	Signal Transduction
References	Richards,M., et.al., J. Neural Transm. 115 (9), 1347-1354 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	307078123
NCBI GeneID	9685
NCBI Accession #	NP_001182484.1; NP_001182485.1; NP_055481.1
NCBI GenBank Nucleotide #	NM_001195555.1
UniProt Accession #	Q14677; Q8NAF1; Q96E05; B7Z6F8; D3DQJ6
Molecular Weight	68259
NCBI Official Full Name	clathrin interactor 1 isoform 1
NCBI Official Synonym Full Names	clathrin interactor 1
NCBI Official Symbol	CLINT1
NCBI Official Synonym Symbols	ENTH; EPN4; EPNR; CLINT
NCBI Protein Information	clathrin interactor 1
UniProt Protein Name	Clathrin interactor 1
UniProt Gene Name	CLINT1
UniProt Synonym Gene Names	ENTH; EPN4; EPNR; KIAA0171; Clint; EpsinR
UniProt Entry Name	EPN4_HUMAN

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.