

Rabbit Epsin2 Polyclonal Antibody | anti-EPN2 antibody

Epsin2 Antibody (N-term)

CATALOG # AAA287179	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Rat)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
-------------------------------	-----------------------	---	--

PRODUCT SYNONYMS

Epsin2; Polyclonal Antibody; Epsin2 Antibody (N-term); Epsin-2; EPS-15-interacting protein 2; EPN2; KIAA1065; anti-EPN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Epsin2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-36 amino acids from the N-terminal region of human Epsin2.
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	6-36
Sequence Length	356
Applicable Applications for anti-EPN2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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 (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

The anti-Epsin2 Pab is used in Western blot to detect Epsin2 in mouse brain tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-EPN2 antibody	Epsin2 plays a role in the formation of clathrin-coated invaginations and endocytosis. It binds to EPS15 (via the NPF repeat domain), as well as to AP-2 and clathrin (via the DPW repeat domain). The protein resides in the cytoplasm, in punctate structures throughout the cell, associated with clathrin-coated vesicles, and is particularly concentrated in the region of the Golgi complex. Highest expression is found in brain, with lower levels detected in lung and liver.
Product Categories/Family for anti-EPN2 antibody	Signal Transduction
References	Ota, T., et al., Nat. Genet. 36(1):40-45 (2004). Kikuno, R., et al., DNA Res. 6(3):197-205 (1999). Rosenthal, J.A., et al., J. Biol. Chem. 274(48):33959-33965 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	156671219
NCBI GeneID	22905
NCBI Accession #	NP_001096134.1; NP_055779.2; NP_683723.2
NCBI GenBank Nucleotide #	NM_001102664.1
UniProt Accession #	O95208; O95207; Q52LD0; Q9H7Z2; Q9UPT7; A8MTV8; B3KRX8; E9PBC2
Molecular Weight	68482
NCBI Official Full Name	epsin-2 isoform c
NCBI Official Synonym Full Names	epsin 2
NCBI Official Symbol	EPN2
NCBI Official Synonym Symbols	EHB21
NCBI Protein Information	epsin-2
UniProt Protein Name	Epsin-2
UniProt Gene Name	EPN2
UniProt Synonym Gene Names	KIAA1065
UniProt Entry Name	EPN2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/epsin2-antibody-western-blot-immunohistochemistry-elisa/287179>