

Rabbit anti-Human EPN3 Polyclonal Antibody | anti-EPN3 antibody

EPN3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324716	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

EPN3; Polyclonal Antibody; EPN3 Antibody; EPN 3; EPS 15 interacting protein 3; Epsin 3; Epsin3; FLJ20778; MGC129899; anti-EPN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	EPN3 antibody detects endogenous levels of total EPN3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	632
Applicable Applications for anti-EPN3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Cytoplasm; Perinuclear Region. Cytoplasmic Vesicle; Clathrin-Coated Vesicle. Nucleus. Note: Concentrated in the perinuclear region and associated with clathrin-coated vesicles close to the cell periphery. May shuttle to the nucleus.
Tissue Specificity	Detected in migrating keratinocytes from wounded skin, but not in differentiating keratinocytes or in normal skin. Detected in chronic wounds, basal cell carcinoma and ulcerative colitis.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemisry)
AAA324716 at 1/100 staining Human brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)
AAA324716 staining K562 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from K562 cells, using EPN3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EPN3 antibody	Similarity: Belongs to the epsin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157388929
NCBI GeneID	55040
NCBI Accession #	NP_060427.2
NCBI GenBank Nucleotide #	NM_017957.2
UniProt Accession #	Q9H201; Q9BVN6; Q9NWK2; A8K6J3; A8KAB2
Molecular Weight	Observed: 68 kD Predicted: 69 kDa
NCBI Official Full Name	epsin-3
NCBI Official Synonym Full Names	epsin 3
NCBI Official Symbol	EPN3
NCBI Protein Information	epsin-3
UniProt Protein Name	Epsin-3
UniProt Gene Name	EPN3

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/epn3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324716>