

Rabbit Ephrin-B3 Polyclonal Antibody | anti-EFNB3 antibody

Ephrin-B3 Antibody

CATALOG # AAA305787	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Ephrin-B3; Polyclonal Antibody; Ephrin-B3 Antibody; EFL6; EPLG8; LERK8; Ephrin B3; LIGAND OF EPH-RELATED KINASE 8; anti-EFNB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Ephrin-B3 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	340
Applicable Applications for anti-EFNB3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Ephrin-B3.
Target Name	Ephrin-B3
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain tissue using Ephrin-B3 antibody.



WB (Western Blot)

Western blot analysis of extracts from SKOV3 cells, using Ephrin-B3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EFNB3 antibody	Cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. May play a pivotal role in forebrain function. Binds to, and induce the collapse of, commissural axons/growth cones in vitro. May play a role in constraining the orientation of longitudinally projecting axons By similarity.Mitsutoshi Nakada, Cancer Res., Sep 2006; 66: 8492 - 8500.Klas Kullander, Genes & Dev., Apr 2001; 15: 877.M. Douglas Benson, PNAS, Jul 2005; 102: 10694 - 10699.Stephanie R. Kadison, J. Neurosci., Aug 2006; 26: 8909 - 8914.
Product Categories/Family for anti-EFNB3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503489
NCBI GeneID	1949
NCBI Accession #	NP_001397.1
NCBI GenBank Nucleotide #	NM_001406.3
UniProt Accession #	Q15768; O00680; Q8TBH7; Q92875; B2RBW2; D3DTQ6
Molecular Weight	35,835 Da
NCBI Official Full Name	ephrin-B3
NCBI Official Synonym Full Names	ephrin-B3
NCBI Official Symbol	EFNB3
NCBI Official Synonym Symbols	EFL6; EPLG8; LERK8
NCBI Protein Information	ephrin-B3
UniProt Protein Name	Ephrin-B3
UniProt Gene Name	EFNB3
UniProt Synonym Gene Names	EPLG8; LERK8; LERK-8
UniProt Entry Name	EFNB3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ephrin-b3-antibody-immunohistochemistry-western-blot-elisa/305787>