Rabbit anti-Human EFNB3 Polyclonal Antibody | anti-EFNB3 antibody

EFNB3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231294	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

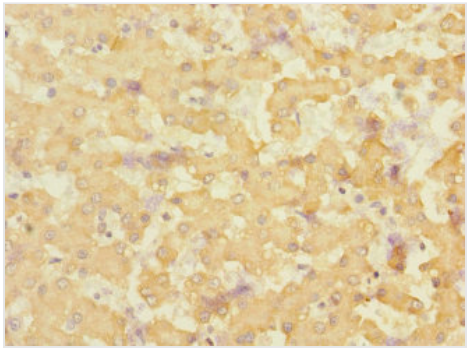
PRODUCT SYNONYMS

EFNB3; Polyclonal Antibody; EFNB3 Antibody; Ephrin-B3; EPH-related receptor transmembrane ligand ELK-L3; EPH-related receptor tyrosine kinase ligand 8; LERK-8; EPLG8; LERK8; anti-EFNB3 antibody

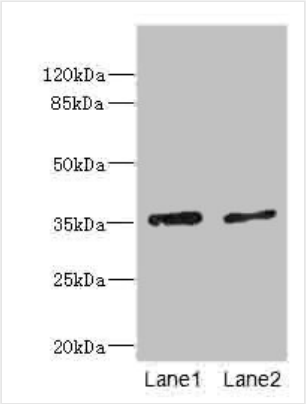
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	340
Applicable Applications for anti-EFNB3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Ephrin-B3 protein (28-226AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7281 / sc-9934 / sc-20724
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human liver tissue using AAA231294 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: EFNB3 antibody at 1.44ug/mlLane 1: HepG-2 whole cell lysateLane 2: Hela whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 36 kDaObserved band size: 36 kDa

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).

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.