

Goat EFNB2/Ephrin B2 Polyclonal Antibody | anti-EFNB2 antibody

EFNB2/Ephrin B2 Goat anti-Human Polyclonal (aa62-74) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA163107	Goat	Chicken, Bovine, Rat, Hamster, Pig, Horse, Mouse, Dog, Human, Monkey	Western Blot, ELISA, Immunohistochemistry

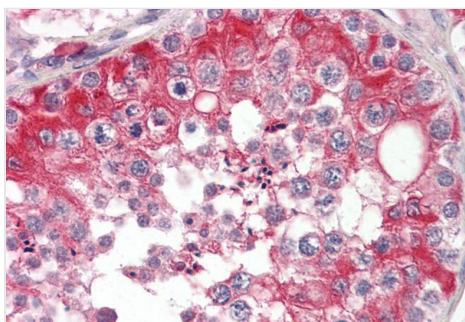
PRODUCT SYNONYMS

EFNB2/Ephrin B2; Polyclonal Antibody; EFNB2/Ephrin B2 Goat anti-Human Polyclonal (aa62-74) Antibody; PathPlus EFNB2/Ephrin B2 Antibody (aa62-74); EFNB2; Ephrin-B2; EPLG5; Ephrin B2; HTK ligand; Htk-L; LERK-5; LERK5; Ligand of eph-related kinase 5; HTKL; anti-EFNB2 antibody

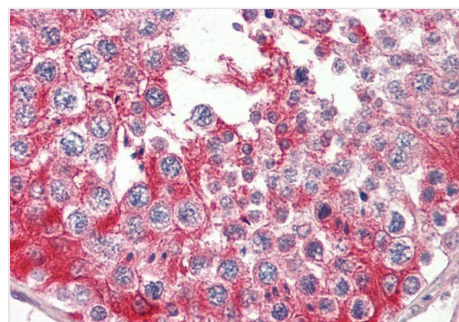
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Chicken, Bovine, Rat, Hamster, Pig, Horse, Mouse, Dog, Human, Monkey
Clonality	Polyclonal
Specificity	Human EFNB2/Ephrin B2.
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	TBS, pH7.3, 0.02% Sodium Azide, 0.5% BSA
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-EFNB2 antibody	WB (Western Blot), ELISA (Peptide ELISA), IHC (Immunohistochemistry)
Target	Human EFNB2/Ephrin B2
Immunogen	Peptide with sequence CPKVDSKTVGQYE, from the internal region of the protein sequence according to NP_004084.1.
Conjugation	Unconjugated
Epitope	aa62-74
Family	Ephrin
Preparation and Storage	Aliquot and store at -20 degree C. Avoid freeze-thaw cycles.

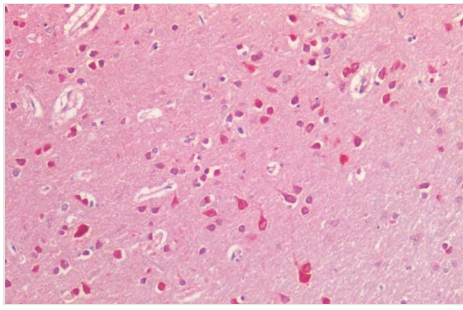
IMAGES



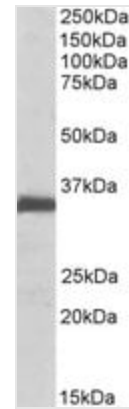
IHC (Immunohistochemistry)
EFNB2/Ephrin B2 Antibody-Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
EFNB2/Ephrin B2 Antibody-Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
EFNB2/Ephrin B2 Antibody-Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
EFNB2/Ephrin B2 Antibody-EFNB2 antibody (0.1 ug/ml) staining of Rat Lung lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-EFNB2 antibody	Ephrin B2 antibody is an unconjugated goat polyclonal antibody to Ephrin B2 (EFNB2)(aa62-74) from human. It is reactive with human, mouse, rat and other species. Validated for IHC, Peptide-ELISA and WB. EFNB2 (ephrin B2) is a member of the ephrin family, receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. EFNB2 binds to receptor tyrosine kinase including EPHA4, EPHA3 and EPHB4. Together with EPHB4, it plays a central role in cardiac morphogenesis and angiogenesis through regulation of cell adhesion and cell migration. EPHB4-mediated forward signaling controls cellular repulsion and segregation from EFNB2-expressing cells. It also plays a role in the orientation of longitudinally projecting axons.
References	Journal of Cell Science 2010 123: 1235-1246; Cell Communication and Signaling volume 17, Article number: 29 (2019)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758250
NCBI GeneID	1948
NCBI Accession #	NP_004084.1
NCBI GenBank Nucleotide #	NM_004093
UniProt Accession #	P52799; Q5JV56
Molecular Weight	333
NCBI Official Full Name	ephrin-B2
NCBI Official Synonym Full Names	ephrin-B2
NCBI Official Symbol	EFNB2
NCBI Official Synonym Symbols	HTKL; EPLG5; Htk-L; LERK5
NCBI Protein Information	ephrin-B2; LERK-5; HTK ligand; ligand of eph-related kinase 5; eph-related receptor tyrosine kinase ligand 5
UniProt Protein Name	Ephrin-B2
UniProt Gene Name	EFNB2
UniProt Synonym Gene Names	EPLG5; HTKL; LERK5; LERK-5; HTK-L
UniProt Entry Name	EFNB2_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/efnb2-ephrin-b2-antibody-western-blot-peptide-elisa-immunohistochemistry-elisa/163107>