

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

EFNB3 Antibody

CATALOG # AAA309262	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, Immunohistochemistry
-------------------------------	-----------------------	-----------------------------------	---

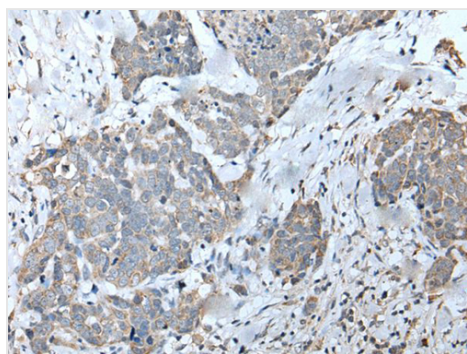
PRODUCT SYNONYMS

EFNB3; Polyclonal Antibody; EFNB3 Antibody; EFL6; EPLG8; LERK8; anti-EFNB3 antibody

PRODUCT SPECIFICATIONS

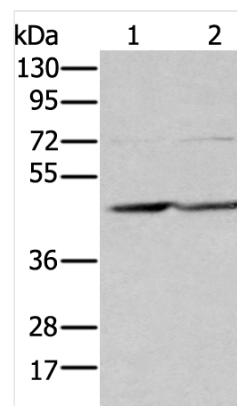
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total EFNB3 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.6mg/ml (varies by lot)
Sequence Length	340
Applicable Applications for anti-EFNB3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human EFNB3
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using EFNB3 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE Lysate: 40 ug, Lane 1-2: NIH/3T3 and SKOV3 cell lysates, Primary antibody:EFNB3 antibody at dilution 1/250 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 second

ADDITIONAL INFORMATION

Related Product Information for anti-EFNB3 antibody	EFNB3, a member of the ephrin gene family, is important in brain development as well as in its maintenance. Moreover, since levels of EFNB3 expression were particularly high in several forebrain subregions compared to other brain subregions, it may play a pivotal role in forebrain function. The EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, particularly in the nervous system. EPH Receptors typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin ligands and receptors have been named by the Eph Nomenclature Committee (1997). Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are similarly divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands.
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/efnb3-antibody-western-blot-immunohistochemistry-elisa/309262>