



Rabbit Anti-Ephrin B3 antibody

SL7043R

Product Name:	Ephrin B3
Chinese Name:	酪氨酸蛋白激酶B3抗体
Alias:	Ephrin B3; EphrinB3 antibody EPH related receptor transmembrane ligand ELK L3; EPH related receptor tyrosine kinase ligand 8; Ephrin B3; EphrinB3; EPLG 8; LERK 8; EFL 6; EFL6; EFNB 3; EFNB3; EFNB3_HUMAN; EPH related receptor transmembrane ligand ELKL3; EPH-related receptor transmembrane ligand ELK-L3; EPH-related receptor tyrosine kinase ligand 8; Ephrin-B3; EPLG8; LERK-8; LERK8.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Ephrin B3:31-130/340<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.
Tissue specificity: Highly expressed in brain; expressed in embryonic floor plate, roof plate and hindbrain segments.

Subunit:

Interacts with GRIP1 and GRIP2. Binds to Nipah virus G protein.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Tissue Specificity:

Highly expressed in brain; expressed in embryonic floor plate, roof plate and hindbrain segments.

Similarity:

Belongs to the ephrin family.
Contains 1 ephrin RBD (ephrin receptor-binding) domain.

SWISS:

Q15768

Gene ID:

1949

Database links:

[Entrez Gene: 1949](#)Human

[Entrez Gene: 13643](#)Mouse

[Omim: 602297](#)Human

[SwissProt: Q15768](#)Human

[SwissProt: O35393](#)Mouse

[Unigene: 26988](#)Human

[Unigene: 249637](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.