



Rabbit Anti-Ephrin A3 antibody

SL6047R

Product Name:	Ephrin A3
Chinese Name:	酪氨酸蛋白激酶A3受体抗体
Alias:	EFL 2; EFL-2; EFL2; EFN A3; EFNA 3; Efna3; EFNA3_HUMAN; EHK1 L; EHK1 ligand; EHK1-L; EHK1L; EPH related receptor tyrosine kinase ligand 3; EPH-related receptor tyrosine kinase ligand 3; Ephrin-A3; EphrinA3; EPLG 3; EPLG3; LERK 3; LERK-3; LERK3; Ligand of eph related kinase 3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,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:	24kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Ephrin A3/EFNA3:101-200/238
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:	The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis.

Function:

Cell surface GPI-bound 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 (By similarity).

Subunit:

Interacts with EPHA8; activates EPHA8.

Subcellular Location:

Cell membrane.

Tissue Specificity:

Expressed in brain, skeletal muscle, spleen, thymus, prostate, testis, ovary, small intestine, and peripheral blood leukocytes.

Similarity:

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

SWISS:

P52797

Gene ID:

1944

Database links:

[Entrez Gene: 1944](#)Human

[Entrez Gene: 13638](#)Mouse

[Entrez Gene: 170901](#)Rat

[Omim: 601381](#)Human

[SwissProt: P52797](#)Human

[SwissProt: O08545](#)Mouse

[Unigene: 516656](#)Human

[Unigene: 331159](#)Mouse

[Unigene: 214210](#)Rat

Important Note:

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

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