

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.

Research Area Cell biology immunology Neurobiology Signal transduction Kinases and Phosphatases

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted: Human, Mouse, Rat, Dog, Cow, Horse, Rabbit,)

WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
(Paraffin sections need antigen repair)

Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 24kDa

Cellular localization The cell membrane

Form 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

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

PubMed

[PubMed](#)

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.

**Product
Detail**

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



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[SwissProt: O08545](#) Mouse

[Unigene: 516656](#) Human

[Unigene: 331159](#) Mouse

[Unigene: 214210](#) Rat