

**Ephrin A3 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51179****Specification**

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**Ephrin A3 Antibody - Product Information**

Application	WB, ICC, E
Primary Accession	<a href="#">P52797</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38 KDa

**Ephrin A3 Antibody - Additional Information****Gene ID** 1944**Other Names**

Ephrin-A3, EFL-2, EHK1 ligand, EHK1-L, EPH-related receptor tyrosine kinase ligand 3, LERK-3, EFNA3, EFL2, EPLG3, LERK3

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Ephrin A3 Antibody - Protein Information****Name** EFNA3**Synonyms** EFL2, EPLG3, LERK3**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).

**Cellular Location**

Cell membrane; Lipid-anchor, GPI-anchor.

**Tissue Location**

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

## **Ephrin A3 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Ephrin A3 Antibody - Images**

## **Ephrin A3 Antibody - Background**

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).

## **Ephrin A3 Antibody - References**

Kozlosky C.J., et al. Oncogene 10:299-306(1995).  
Davis S., et al. Science 266:816-819(1994).  
Gregory S.G., et al. Nature 441:315-321(2006).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.