

Ephrin A4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51180**Specification**

Ephrin A4 Antibody - Product Information

Application	WB, E
Primary Accession	P52798
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	95 KDa

Ephrin A4 Antibody - Additional Information**Gene ID** 1945**Other Names**

Ephrin-A4, EPH-related receptor tyrosine kinase ligand 4, LERK-4, EFNA4, EPLG4, LERK4

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 A4 Antibody - Protein Information**Name** EFNA4**Synonyms** EPLG4, LERK4**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. May play a role in the interaction between activated B-lymphocytes and dendritic cells in tonsils.

Cellular Location

[Isoform 1]: Cell membrane; Lipid-anchor, GPI- anchor

Tissue Location

Expressed in the adult spleen, lymph node, prostate, ovary, small intestine, and colon, and in fetal heart, lung, liver and kidney. Also detected in hematopoietic cell lines

Ephrin A4 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 A4 Antibody - Images

Ephrin A4 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. May play a role in the interaction between activated B-lymphocytes and dendritic cells in tonsils.

Ephrin A4 Antibody - References

Kozlosky C.J.,et al.Oncogene 10:299-306(1995).
Aasheim H.-C.,et al.Blood 95:221-230(2000).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.