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Anti-Ephrin A4 Antibody

Catalog # AP51180

Product Information

Application	WB
Primary Accession	P52798
Reactivity	Human, Mouse, Rat, Rabbit, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22386

Additional Information

Gene ID	1945
Other Names	EPLG4; LERK4; Ephrin-A4; EPH-related receptor tyrosine kinase ligand 4; LERK-4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Ephrin A4. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

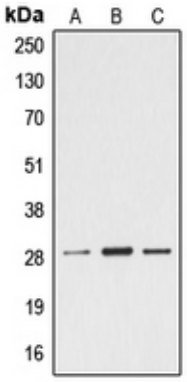
Protein Information

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

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.

Images



Western blot analysis of Ephrin A4 expression in Jurkat (A), mouse heart (B), rat heart (C) whole cell lysates. (Predicted band size: 22 kD; Observed band size: 28 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.