

Ephrin A3 Rabbit pAb

Catalog # AP96565

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Predicted	Rat, Human, Mouse, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24 kDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Ephrin A3/EFNA3
Epitope Specificity	101-200/238
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ephrin family. Contains 1 ephrin RBD (ephrin receptor-binding) domain.
SUBUNIT	Interacts with EPHA8; activates EPHA8.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	1944
Other Names	EFNA3_HUMAN; EFNA3; EFL-2; EHK1 ligand (EHK1-L); EPH-related receptor tyrosine kinase ligand 3 (LERK-3); EFL2; EPLG3; LERK3; EFNA3_MOUSE; Epl3; EHK1-L; LERK-3; ephrin A3; ephrin-A3; EPH-related receptor tyrosine kinase ligand 3
Dilution	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.
Name	Ephrin A3 Rabbit pAb
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).

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