Ephrin-A5 rabbit pAb

Cat#: orb763932 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	Ephrin-A5 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from Ephrin-A5 . at AA range: 130-210
Specificity	Ephrin-A5 Polyclonal Antibody detects endogenous levels of Ephrin-A5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ephrin-A5
Gene Name	EFNA5
Cellular localization	Cell membrane ; Lipid-anchor, GPI-anchor . Membrane, caveola ; Lipid-anchor, GPI-anchor . Compartmentalized in discrete caveolae-like membrane microdomains.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	26kD
Human Gene ID	1946
Human Swiss-Prot Number	P52803
Alternative Names	EFNA5; EPLG7; LERK7; Ephrin-A5; AL-1; EPH-related receptor tyrosine kinase ligand 7; LERK-7
Background	Ephrin-A5, a member of the ephrin gene family, prevents axon bundling in cocultures of cortical neurons with astrocytes, a model of late stage nervous system development and differentiation. The EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, particularly in the nervous system. EPH receptors typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin ligands and receptors have been named by the Eph Nomenclature Committee (1997). Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are similarly divi

Western Blot analysis of various cells using Ephrin-A5 Polyclonal Antibody