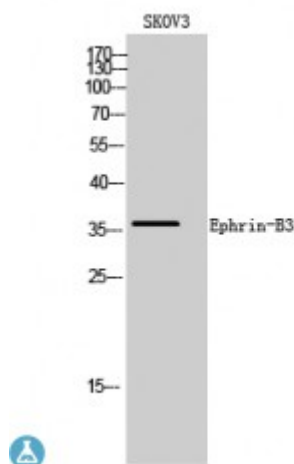


Anti-Ephrin-B3 antibody



Description	Rabbit polyclonal to Ephrin-B3.
Model	STJ92961
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Ephrin-B3
Immunogen Region	190-270 aa, C-terminal
Gene ID	1949
Gene Symbol	EFNB3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	Ephrin-B3 Polyclonal Antibody detects endogenous levels of Ephrin-B3 protein.
Tissue Specificity	Highly expressed in brain; expressed in embryonic floor plate, roof plate and hindbrain segments.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ephrin-B3 EPH-related receptor transmembrane ligand ELK-L3 EPH-related receptor tyrosine kinase ligand 8 LERK-8
Molecular Weight	36 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3228OMIM:602297
Alternative Names	Ephrin-B3 EPH-related receptor transmembrane ligand ELK-L3 EPH-related receptor tyrosine kinase ligand 8 LERK-8
Function	Cell surface transmembrane 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. May play a pivotal role in forebrain function. Binds to, and induce the collapse of, commissural axons/growth cones in vitro. May play a role in constraining the orientation of longitudinally projecting axons . (Microbial infection) Acts as a receptor for nipah virus and hendra virus.
Cellular Localization	Membrane. Single-pass type I membrane protein.

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