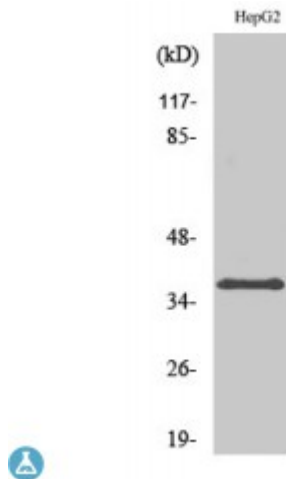


Anti-Ephrin-A3 antibody



Description

Ephrin-A3 is a protein encoded by the EFNA3 gene which is approximately 26,3 kDa. Ephrin-A3 is localised to the cell membrane. It is involved in EPHA forward signalling, the Ras signalling pathway, developmental biology and axon guidance. The ephrins make up the largest subfamily of receptor protein-tyrosine kinases, they are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Ephrin-A3 is expressed in brain, skeletal muscle, thymus, prostate, testis, ovary, and peripheral blood leukocytes. Mutations in the EFNA3 gene may result in Androgenic Alopecia. STJ92956 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Ephrin-A3 protein.

Model	STJ92956
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Ephrin-A3
Immunogen Region	130-210 aa, C-terminal
Gene ID	1944
Gene Symbol	EFNA3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	Ephrin-A3 Polyclonal Antibody detects endogenous levels of Ephrin-A3 protein.

Tissue Specificity	Expressed in brain, skeletal muscle, spleen, thymus, prostate, testis, ovary, small intestine, and peripheral blood leukocytes.
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-A3 EFL-2 EHK1 ligand EHK1-L EPH-related receptor tyrosine kinase ligand 3 LERK-3
Molecular Weight	38 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:3223OMIM:601381
Alternative Names	Ephrin-A3 EFL-2 EHK1 ligand EHK1-L EPH-related receptor tyrosine kinase ligand 3 LERK-3
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 .
Cellular Localization	Cell membrane. Lipid-anchor, GPI-anchor.