
Product Name: KD-Validated Ephrin A1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb01100

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 23.8kDa

Antigen Information

Gene Name	EFNA1
Alternative Names	EFNA1; Ephrin A1; LERK1; Ephrin-A1; TNFAIP4; ECKLG; EPLG1; GMAN ; Gastric Cancer Metastasis Associated Long Noncoding RNA; EPH-Related Receptor Tyrosine Kinase Ligand 1; Tumor Necrosis Factor Alpha-Induced Protein 4; Immediate Early Response Protein B61; TNF Alpha-Induced Protein 4; LERK-1; Tumor Necrosis Factor, Alpha-Induced Protein 4; Eph-Related Receptor Tyrosine Kinase Ligand 1; Epididymis Secretory Sperm Binding Protein; Ligand Of Eph-Related Kinase 1; EFL1; B61
Gene ID	1942.0
SwissProt ID	P20827
Immunogen	A synthesized peptide derived from human Ephrin A1

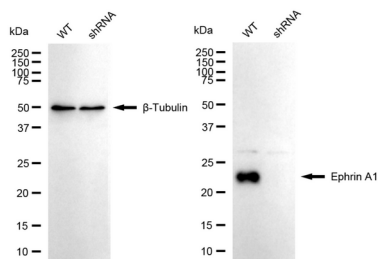
Background

This gene encodes a member of the ephrin (EPH) family. 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. 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. This gene encodes an EFNA class ephrin which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two transcript variants that encode different isoforms were identified through sequence analysis. [provided by RefSeq, Jul 2008]

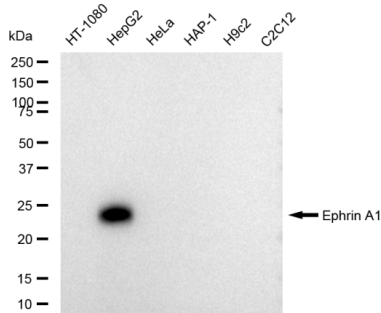
Research Area

Cardiovascular, Neuroscience, Signal Transduction

Image Data



Western blotting analysis using Ephrin A1 antibody (KVA01100). Ephrin A1 expression in wild type (WT) and Ephrin A1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with Ephrin A1 antibody (KVA01100, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Ephrin A1 antibody (KVA01100). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Ephrin A1 antibody (KVA01100, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.