ARG65294
anti-EFNB2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes EFNB2
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	EFNB2
Species	Human
Immunogen	CPKVDSKTVGQYE
Conjugation	Un-conjugated
Alternate Names	HTK ligand; HTKL; Htk-L; EPLG5; Ephrin-B2; HTK-L; LERK5; LERK-5; EPH-related receptor tyrosine kinase ligand 5

Application Instructions

Application table

Application	Dilution
WB	0.1 - 0.3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

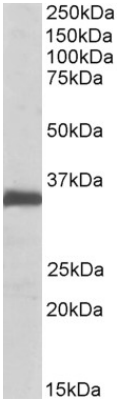
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 13642 Mouse GeneID: 1948 Human Swiss-port # P52799 Human Swiss-port # P52800 Mouse
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 EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors. [provided by RefSeq, Jul 2008]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Neuroscience antibody
Calculated Mw	37 kDa
PTM	Inducible phosphorylation of tyrosine residues in the cytoplasmic domain.

Images



ARG65294 anti-EFNB2 antibody WB image

Western Blot: Rat Lung lysate (35 µg protein in RIPA buffer) stained with ARG65294 anti-EFNB2 antibody at 0.1 µg/ml dilution.