

Ephrin-A4 Polyclonal Antibody

Catalog No :	YT1592
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	Ephrin-A4
Fields :	>>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling pathway;>>PI3K-Akt signaling pathway;>>Axon guidance;>>MicroRNAs in cancer
Gene Name :	EFNA4
Protein Name :	Ephrin-A4
Human Gene Id :	1945
Human Swiss Prot No :	P52798
Mouse Gene Id :	13639
Mouse Swiss Prot No :	O08542
Immunogen :	The antiserum was produced against synthesized peptide derived from human EFNA4. AA range:131-180
Specificity :	Ephrin-A4 Polyclonal Antibody detects endogenous levels of Ephrin-A4 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 95kD

Cell Pathway : Axon guidance;

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. Three transcript variants that encode distinct proteins have been identified. [provided by RefSeq, Jul 2008],

Function : function:May play a role in the interaction between activated B lymphocytes and dendritic cells in tonsils.,similarity:Belongs to the ephrin family.,tissue specificity:Expressed in the adult spleen, lymph node, prostate, ovary, small intestine, and colon, and in fetal heart, lung, liver and kidney. Also detected in hematopoietic cell lines.,

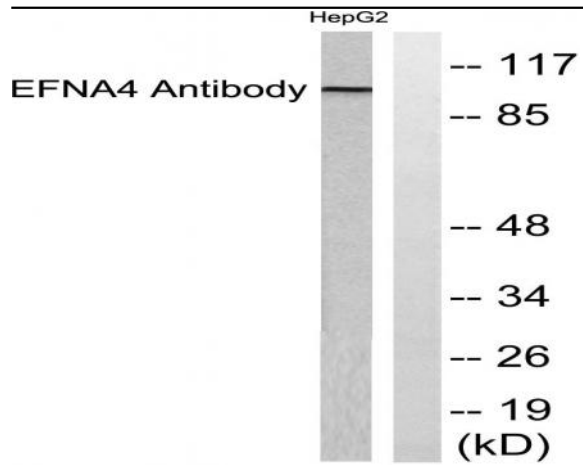
Subcellular Location : [Isoform 1]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform 2]: Secreted .

Expression : Expressed in the adult spleen, lymph node, prostate, ovary, small intestine, and colon, and in fetal heart, lung, liver and kidney. Also detected in hematopoietic cell lines.

Products Images



Western Blot analysis of various cells using Ephrin-A4 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from HepG2 cells, using EFNA4 Antibody. The lane on the right is blocked with the synthesized peptide.