Best Tools for immunology Research

Ephrin-A2 Polyclonal Antibody

Catalog No :	YT1590
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	Ephrin-A2
Fields :	>>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling pathway;>>PI3K-Akt signaling pathway;>>Axon guidance;>>MicroRNAs in cancer
Gene Name :	EFNA2
Protein Name :	Ephrin-A2
Human Gene Id :	1943
Human Swiss Prot No :	O43921
Mouse Gene Id :	13637
Mouse Swiss Prot No :	P52801
Immunogen :	The antiserum was produced against synthesized peptide derived from human EFNA2. AA range:1-50
Specificity :	Ephrin-A2 Polyclonal Antibody detects endogenous levels of Ephrin-A2 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: 1:20000. 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 : 24kD

Cell Pathway : Axon guidance;

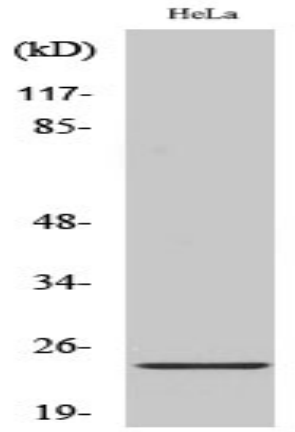
Background : This gene encodes a member of the ephrin family. The protein is composed of a signal sequence, a receptor-binding region, a spacer region, and a hydrophobic region. The EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, particularly in the nervous system. 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. Posttranslational modifications determine whether this protein localizes to the nucleus or the cytoplasm. [provided by RefSeq, Jul 2008],

Function : similarity:Belongs to the ephrin family.,subunit:Binds to the receptor tyrosine kinases EPHA3, EPHA4 and EPHA5.,

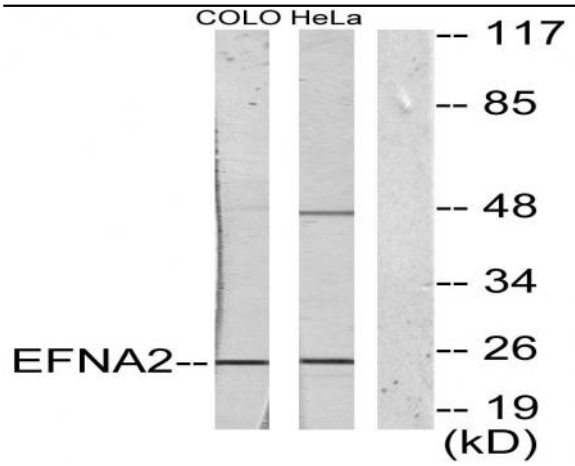
Subcellular Location : Cell membrane ; Lipid-anchor, GPI-anchor .

Expression : Brain,

Products Images



Western Blot analysis of various cells using Ephrin-A2 Polyclonal Antibody



Western blot analysis of lysates from HeLa and COLO205 cells, using EFNA2 Antibody. The lane on the right is blocked with the synthesized peptide.