
Product Name: Ephrin-A2 Rabbit Polyclonal Antibody**Catalog #: APRab10534**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight	24kDa

Antigen Information

Gene Name	EFNA2
Alternative Names	EFNA2; EPLG6; LERK6; Ephrin-A2; EPH-related receptor tyrosine kinase ligand 6; LERK-6; HEK7 ligand; HEK7-L
Gene ID	1943.0
SwissProt ID	O43921
Immunogen	The antiserum was produced against synthesized peptide derived from human EFNA2. AA range:1-50

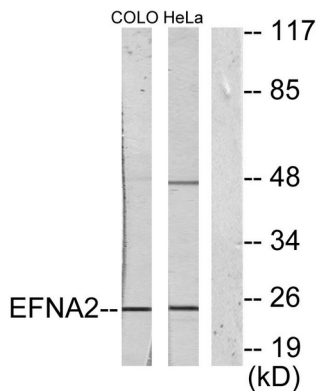
Background

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

Research Area

Axon guidance;

Image Data



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



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