# antibodies .- online.com







**Images** 



( )	11/0	r\ /1	$\triangle 1 $
	$\lor \lor \vdash$	$I \vee I$	ew

Quantity:	100 μL
Target:	Ephrin A1 (EFNA1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Ephrin A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

### **Product Details**

Purpose:	Ephrin A1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Ephrin A1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

# Target Details

Target:	Ephrin A1 (EFNA1)	
Alternative Name:	EFNA1 (EFNA1 Products)	
Background:	d: 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],B61, ECKLG, EFL1, EPLG1, LERK-1, LERK1, TNFAIP4,Angiogenesis,Cardiovascular,Cell Type Marker,Cell Type Marker\_Growth Cone,Cell Type Marker\_Neuron marker,Kinase,Kinase\_Tyrosine kinases,Neuroscience,Signal Transduction,EFNA1

Molecular Weight: 24kDa

Gene ID: 1942

UniProt: P20827

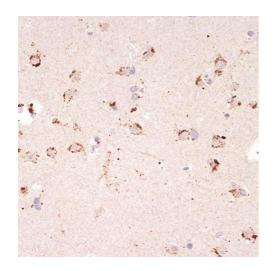
Pathways: RTK Signaling

## **Application Details**

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

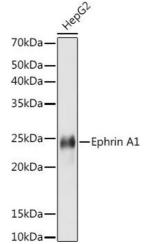
#### Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



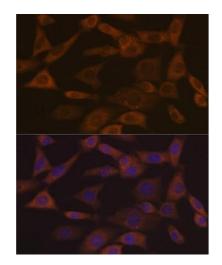
#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human brain using Ephrin Rabbit mAb (ABIN7266976) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



# **Western Blotting**

Image 2. Western blot analysis of extracts of HepG2 cells, using Ephrin antibody (ABIN7266976) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



#### **Immunofluorescence**

**Image 3.** Immunofluorescence analysis of NIH-3T3 cells using Ephrin Rabbit mAb (ABIN7266976) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.