antibodies - online.com







anti-EPHA1 antibody (C-Term)

Images



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Quantity:	100 μg	
Target:	EPHA1	
Binding Specificity:	AA 963-976, C-Term	
Reactivity:	Human, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This EPHA1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Purpose:	Rabbit IgG polyclonal antibody for Ephrin type-A receptor 1(EPHA1) detection. Tested with WB, IHC-P in Human, Mouse, Rat.	
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Eph receptor A1(963-976aa HQKRILCSIQGFKD), identical to the related rat and mouse sequences.	
Sequence:	HQKRILCSIQ GFKD	
Isotype:	IgG	
Cross-Reactivity (Details):	Predicted Cross Reactivity: mouse No cross reactivity with other proteins. Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.	
Characteristics:	Rabbit IgG polyclonal antibody for Ephrin type-A receptor 1(EPHA1) detection. Tested with WB,	

Product Details

IHC-P in Human, Mouse, Rat.

Gene Name: EPH receptor A1

Protein Name: Ephrin type-A receptor 1(hEpha1)

Purification:

Immunogen affinity purified.

Target Details

Target: EPHA1

Alternative Name: EPHA1 (EPHA1 Products)

Background:

EPHA1, EPH receptor A1, is a protein that in humans is encoded by the EPHA1 gene. This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. The EPHA1 gene is mapped to 7q34-q35. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene is expressed in some human cancer cell lines and has been implicated in carcinogenesis.

Synonyms: EPH antibody|Eph tyrosine kinase 1 antibody|EphA1 antibody|Ephrin receptor Eph A1 antibody|Ephrin type A receptor 1 antibody|EPHT 1 antibody|EPHT antibody|Erythropoietin producing hepatoma amplified sequence antibody|Esk antibody|MGC163163 antibody|Oncogene EPH antibody|Soluble EPHA1 variant 1 antibody|Soluble EPHA1 variant 2 antibody|Tyrosine protein kinase receptor EPH antibody

UniProt:

P21709

Application Details

Application Notes:

WB: Concentration: 0.1- $0.5 \,\mu g/mL$, Tested Species: Human, Rat, Predicted Species: Mouse IHC-P: Concentration: 0.5- $1 \,\mu g/mL$, Tested Species: Human, Rat, Predicted Species: Mouse, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.

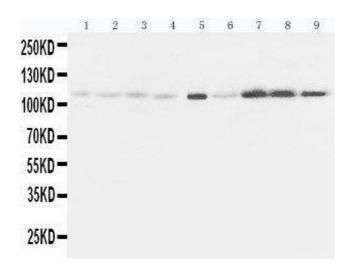
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.

Optimal dilutions should be determined by end users.

Application Details

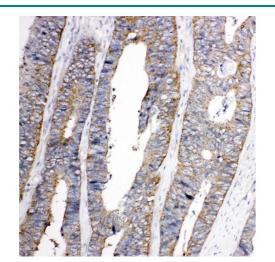
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Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.	
Concentration:	500 μg/mL	
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.	
Preservative:	Thimerosal (Merthiolate), Sodium azide	
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.	
Expiry Date:	12 months	

Images



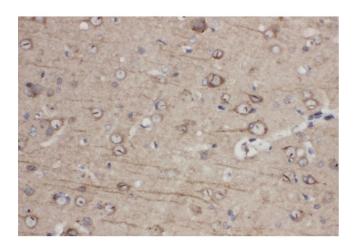
Western Blotting

Image 1. Lane 9: HELA Cell Lysate



Immunohistochemistry

Image 2. Anti-Eph receptor A1 antibody, IHC(P) IHC(P): Human Colon Cancer Tissue



Immunohistochemistry

Image 3. Anti-Eph receptor A1 antibody, IHC(P) IHC(P): Rat Brain Tissue