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Datasheet for ABIN7151827 anti-EPHA1 antibody (AA 296-414)

4 Images



Overview

Quantity:	100 µg
Target:	EPHA1
Binding Specificity:	AA 296-414
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPHA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Ephrin type-A receptor 1 protein (296-414AA)
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

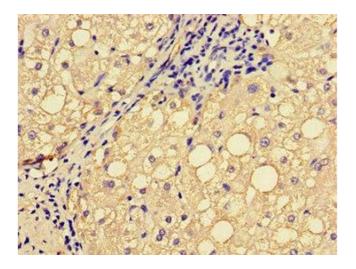
Target:	EPHA1
Alternative Name:	EPHA1 (EPHA1 Products)
Background:	Background: Receptor tyrosine kinase which binds promiscuously membrane-bound ephrin-A
	family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling

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	into neighboring cells. The signaling pathway downstream of the receptor is referred to as
	forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as
	reverse signaling. Binds with a low affinity EFNA3 and EFNA4 and with a high affinity to EFNA1
	which most probably constitutes its cognate/functional ligand. Upon activation by EFNA1
	induces cell attachment to the extracellular matrix inhibiting cell spreading and motility through
	regulation of ILK and downstream RHOA and RAC. Plays also a role in angiogenesis and
	regulates cell proliferation. May play a role in apoptosis.
	Aliases: EPH antibody, EPH receptor A1 antibody, EPH tyrosine kinase 1 antibody, EPH tyrosine
	kinase antibody, Epha1 antibody, EPHA1_HUMAN antibody, Ephrin receptor Eph A1 antibody,
	Ephrin type A receptor 1 antibody, Ephrin type-A receptor 1 antibody, EPHT 1 antibody, EPHT
	antibody, EPHT1 antibody, Erythropoietin producing hepatoma amplified sequence antibody,
	Erythropoietin-producing hepatoma receptor antibody, Esk antibody, hEpha1 antibody,
	MGC163163 antibody, Oncogene EPH antibody, Soluble EPHA1 variant 1 antibody, Soluble
	EPHA1 variant 2 antibody, Tyrosine protein kinase receptor EPH antibody, Tyrosine-protein
	kinase receptor EPH antibody
UniProt:	P21709

Application Details

Application Details		
Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200,	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	



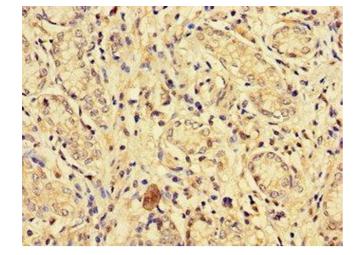
$\begin{array}{c} & & & & & \\ 120KD \rightarrow & & & \\ 90KD \rightarrow & & & \\ 50KD \rightarrow & & & \\ 35KD \rightarrow & & \\ 25KD \rightarrow & & \\ 20KD \rightarrow & & \\ \end{array}$

Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7151827 at dilution of 1:100

Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse brain tissue All lanes: EPHA1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 109, 53, 52 kDa Observed band size: 109, 30 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7151827 at dilution of 1:100

Please check the product details page for more images. Overall 4 images are available for ABIN7151827.

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