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Datasheet for ABIN359805 anti-EPH Receptor A7 antibody

2 Images



Overview

Quantity:	0.4 mL
Target:	EPH Receptor A7 (EPHA7)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor A7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with recombinant human EphA7 protein.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to EphA7.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

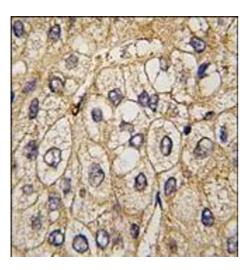
Target Details

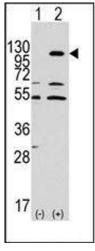
Target:	EPH Receptor A7 (EPHA7)
Alternative Name:	EPHA7 (EPHA7 Products)
Background:	EphA7 belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in
	the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and

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Target Details

	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.[1]Synonyms: EHK3, EPH homology kinase 3, Ephrin type-A receptor 7, HEK11, Receptor protein-tyrosine kinase
Gene ID:	HEK11, Tyrosine-protein kinase receptor EHK-3 2045, 9606
UniProt:	Q15375
Pathways:	RTK Signaling
Application Details	
Application Notes:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Immunohistochemistry: 1/10 - 1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with EphA7 antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

Western Blotting

Image 2. Western blot analysis of EphA7 (arrow) using rabbit polyclonal EphA7 Antibody.293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the EphA7 gene (Lane 2)

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