Datasheet for ABIN966070

anti-EPHA1 antibody

2 Publications

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Overview

Quantity:	0.1 mg
Target:	EPHA1
Reactivity:	Human
Host:	Please inquire
Clonality:	Monoclonal
Conjugate:	This EPHA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Isotype:	IgG1
Specificity:	Ni-NTA purified truncated recombinant EphA1 expressed in E. Coli strain BL21 (DE3)
Purification:	Antibodies are purified by protein A affinity chromatography

Target Details

Target:	EPHA1
Alternative Name:	EphA1 (EPHA1 Products)
Background:	EPH receptor A1 (EphA1), with 976-amino acid protein(about 107 kDa), belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. The Eph subfamily represents the largest group of receptor protein tyrosine kinases identified to date and their ligands, the ephrins,can be subdivided into two major subclasses, ephrin-A and ephrin-B. Interaction of Eph receptor tyrosine kinases with their membrane bound ephrin ligands initiates bidirectional

Target Details

	signaling events that regulate cell migratory and adhesive behavior, particularly in the nervous system. They have been implicated in various developmental processes, including axonal guidance, angiogenesis, morphogenesis and carcinogenesis.
Gene ID:	2041

Application Details

Application Notes:	Western Blot: 1: 200- 1: 1,000 IHC-P: 1: 200- 1: 1,000 IHC-F: 1: 200- 1: 1,000 ELISA: Propose dilution 1: 10,000. Determining optimal working dilutions by titration test.
Restrictions:	For Research Use only

Handling

Storage:	-20 °C

Publications

Product cited in:	Duffy, Steiner, Tam, Boyd: "Expression analysis of the Epha1 receptor tyrosine kinase and its high-affinity ligands Efna1 and Efna3 during early mouse development." in: **Gene expression patterns : GEP**, Vol. 6, Issue 7, pp. 719-23, (2006) (PubMed). Pasquale: "Eph receptor signalling casts a wide net on cell behaviour." in: **Nature reviews. Molecular cell biology**, Vol. 6, Issue 6, pp. 462-75, (2005) (PubMed).