

Datasheet for ABIN7151828
anti-EPHA1 antibody (AA 296-414) (Biotin)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	EPHA1
Binding Specificity:	AA 296-414
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPHA1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ephrin type-A receptor 1 protein (296-414AA)
Isotype:	IgG
Cross-Reactivity:	Human
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

Target Details

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 Notes: Optimal working dilution should be determined by the investigator.

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.