Datasheet for ABIN7151858

anti-EPH Receptor A8 antibody (AA 45-249) (HRP)

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Overview

Quantity:	100 µL
Target:	EPH Receptor A8 (EPHA8)
Binding Specificity:	AA 45-249
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor A8 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ephrin type-A receptor 8 protein (45-249AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	EPH Receptor A8 (EPHA8)
Alternative Name:	EPHA8 (EPHA8 Products)
Background:	Background: Receptor tyrosine kinase which binds promiscuously GPI-anchored ephrin-A family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into

Target Details

	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. The GPI-anchored ephrin-A EFNA2, EFNA3, and EFNA5 are able to activate EPHA8 through phosphorylation. With EFNA5 may regulate integrin-mediated cell adhesion and migration on fibronectin substrate but also neurite outgrowth. During development of the nervous system plays also a role in axon guidance. Downstream effectors of the EPHA8 signaling pathway include FYN which promotes cell adhesion upon activation by EPHA8 and the MAP kinases in the stimulation of neurite outgrowth (By similarity). Aliases: EPHA8 antibody, EEK antibody, HEK3 antibody, KIAA1459Ephrin type-A receptor 8 antibody, EC 2.7.10.1 antibody, EPH- and ELK-related kinase antibody, EPH-like kinase 3 antibody, EK3 antibody, hEK3 antibody, Tyrosine-protein kinase receptor EEK antibody
UniProt:	P29322
Pathways:	RTK Signaling

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.