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Datasheet for ABIN2854457 anti-EPH Receptor A4 antibody

3 Images



Overview

Quantity:	100 µL
Target:	EPH Receptor A4 (EPHA4)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor A4 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human EphA4. The
	exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to EphA4
	EphA4 antibody [N3C2], Internal
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	EPH Receptor A4 (EPHA4)
Alternative Name:	EPH receptor A4 (EPHA4 Products)

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Target Details

Background: This gene 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 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.

Cellular Localization: Membrane, Single-pass type I membrane protein

Molecular Weight:	110 kDa
Gene ID:	2043
UniProt:	P54764
Pathways:	RTK Signaling

Application Details

Application Notes:	WB: 1:1000-1:10000. Optimal dilutions/concentrations should be determined by the researcher.
	Not tested in other applications.
Comment:	Positive Control: HCT116 , human brain , mouse brain , rat brain , mouse hippocampus , DDDDk-
	tagged EPHA4-transfected 293T
	Validation: Overexpression
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

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170 130-95 72 55 43 MW (kDa) 250 -130 -Eph receptor A4 100 70 KDa в 250 -130 . EPHA4 100 . 70

Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: HCT116 7.5% SDS PAGE antibody diluted at 1:1000

Western Blotting

Image 2. WB Image Eph receptor A4 antibody detects Eph receptor A4 protein by western blot analysis. Human tissue extracts (30 μ g) was separated by 5 % SDS-PAGE, and the membrane was blotted with Eph receptor A4 antibody , diluted by 1:500.

Western Blotting

Image 3. WB Image Eph receptor A4 antibody [N3C2], Internal detects Eph receptor A4 protein by western blot analysis. A. 30 µg 293T whole cell extract B. 5 µg whole cell extract of 3xFlag-human EPHA4-transfected 293T cells 5 % SDS-PAGE Eph receptor A4 antibody [N3C2], Internal , dilution: 1:1000

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Images

KDa