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anti-EPH Receptor A5 antibody (C-Term)

2 Images



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Overview

Quantity:	100 μg
Target:	EPH Receptor A5 (EPHA5)
Binding Specificity:	AA 1001-1032, C-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor A5 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Purpose:	Rabbit IgG polyclonal antibody for Ephrin type-A receptor 5(EPHA5) detection. Tested with WB
	in Human,Mouse,Rat.
Immunogen:	in Human,Mouse,Rat. A synthetic peptide corresponding to a sequence at the C-terminus of human Eph receptor A5 (1001-1032aa TLEDLRRLGVTLVGHQKKIMNSLQEMKVQ LVN), different from the related mouse sequence by two amino acids.
Immunogen: Sequence:	A synthetic peptide corresponding to a sequence at the C-terminus of human Eph receptor A5 (1001-1032aa TLEDLRRLGVTLVGHQKKIMNSLQEMKVQ LVN), different from the related mouse
	A synthetic peptide corresponding to a sequence at the C-terminus of human Eph receptor A5 (1001-1032aa TLEDLRRLGVTLVGHQKKIMNSLQEMKVQ LVN), different from the related mouse sequence by two amino acids.

Product Details Rabbit IgG polyclonal antibody for Ephrin type-A receptor 5(EPHA5) detection. Tested with WB Characteristics: in Human, Mouse, Rat. Gene Name: EPH receptor A5 Protein Name: Ephrin type-A receptor 5 Purification: Immunogen affinity purified. **Target Details** EPH Receptor A5 (EPHA5) Target: Alternative Name: **EPHA5 (EPHA5 Products)** Background: EPH receptor A5 (ephrin type-A receptor 5) is a protein that in humans is encoded by the EPHA5 gene. 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. Alternatively spliced transcript variants encoding different isoforms have been described. Synonyms: Brain-specific kinase antibody|bsk antibody|CEK 7 antibody|Eck like sequence 1 antibody|EHK 1 antibody|EHK-1 antibody|EK7 antibody|Els 1 antibody|Eph homology kinase 1 antibody|EPH-like kinase 7 antibody|EphA5 antibody|EPHA5_HUMAN antibody|Ephrin type A receptor 5 antibody|Ephrin type-A receptor 5 antibody|HEK 7 antibody|REK 7 antibody|Receptor protein tyrosine kinase HEK 7 antibody|Rek 7 antibody|TYRO 4 antibody|TYRO 4 antibody|Tyrosine protein kinase receptor EHK 1 antibody Gene ID: 2044 UniProt: P54756 Pathways: **RTK Signaling Application Details** WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse, Rat, Predicted Species: Human **Application Notes:** Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be

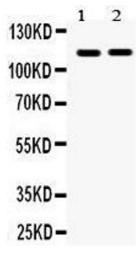
Other applications have not been tested. Optimal dilutions should be determined by end users.

fit for the product based on sequence similarities.

Application Details

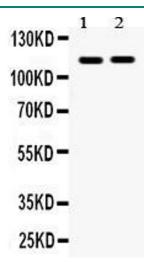
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 μg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg 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:	At -20°C for one year. After reconstitution, at 4°C for one month.
	It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing
	and thawing.
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Images



Western Blotting

Image 1. Observed bind size: 114KD



Western Blotting

Image 2. Anti- Eph receptor A5 Picoband antibody, Western blottingAll lanes: Anti Eph receptor A5 at 0.5ug/ml Lane 1: Rat Brain Tissue Lysate at 50ug Lane 2: Mouse Brain Tissue Lysate at 50ug Predicted bind size: 114KD Observed bind size: 114KD