Datasheet for ABIN7139068

anti-EPH Receptor A3 antibody (pTyr779, pTyr833)

1 Image

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Overview

Quantity:	100 µL
Target:	EPH Receptor A3 (EPHA3)
Binding Specificity:	pTyr779, pTyr833
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor A3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 779/833 (E-A-Y(p)-T-T)/(Q-D-V(p)-I-K) derived from Human EPHA3/4/5.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi

Target Details

Target:	EPH Receptor A3 (EPHA3)
Alternative Name:	EPHA3 (EPHA3 Products)

Target Details

Background:	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. This gene encodes a protein that binds ephrin-A ligands. Wicks I.P., Proc. Natl. Acad. Sci. U.S.A. 89:1611-1615(1992). Chiari R., Cancer Res. 60:4855-4863(2000). Boyd A.W., J. Biol. Chem. 267:3262-3267(1992). Aliases: AW492086 antibody, Cek4 antibody, EC 2.7.10.1 antibody, EK4 antibody, End3 antibody, Eph receptor A3 antibody, EPH-like kinase 4 antibody, EPH-like tyrosine kinase 1 antibody, EPHA3 antibody, EPHA3_HUMAN antibody, Ephrin receptor EphA3 antibody, Ephrin type-A receptor 3 antibody, ETK 1 antibody, ETK antibody, ETK1 antibody, HEK 4 antibody, HEK antibody, HEK4 antibody, Human embryo kinase 1 antibody, Human embryo kinase antibody, Mek4 antibody, MGC109882 antibody, Receptor tyrosine kinase HEK antibody, Testicular tissue protein Li 64 antibody, Tyro 4 antibody, Tyro4 antibody, TYRO4 protein tyrosine kinase antibody, Tyrosine protein kinase receptor ETK 1 antibody, Tyrosine-protein kinase receptor ETK1 antibody, Tyrosine-protein kinase TYRO4 antibody
UniProt:	P29320
Pathways:	RTK Signaling, Regulation of Cell Size

Application Details

Application Notes:	IHC:1:50-1:100,
Restrictions:	For Research Use only

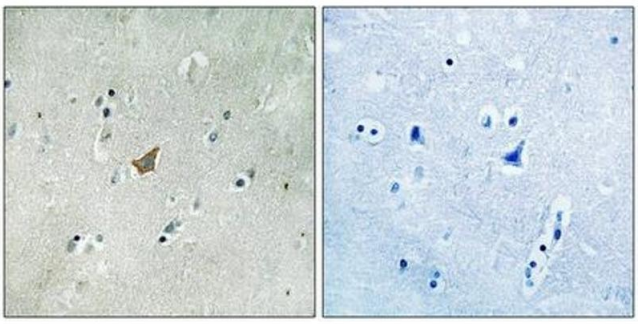
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: 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.

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human brain tissue using EPHA3/4/5 (Phospho-Tyr779/833) antibody (left)or the same antibody preincubated with blocking peptide (right).