



EphA7 Monoclonal Antibody

Catalog No	YP-mAb-13226
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	EPHA7
Immunogen	The antiserum was produced against synthesized peptide derived from human EPHA7. AA range:451-500
Specificity	EphA7 Monoclonal Antibody detects endogenous levels of EphA7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EPH homology kinase 3;EK11;EHK-3;EHK3;EHK 3;EPHA7;Ephrin type-A receptor 7;HEK11;EPH-like kinase 11
Observed Band	112kD
Calculated Molecular Weight	112kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Widely expressed.
Function	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Receptor for members of the ephrin-A family. Binds to ephrin-A1, -A2, -A3, -A4 and -A5.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily., similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SAM (sterile alpha motif) domain.,similarity:Contains 2 fibronectin type-III domains., subunit:Interacts with PRKCABP and GRIP1.,tissue specificity:Widely expressed.,



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. Increased expression of this gene is associated with multiple forms of carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013],

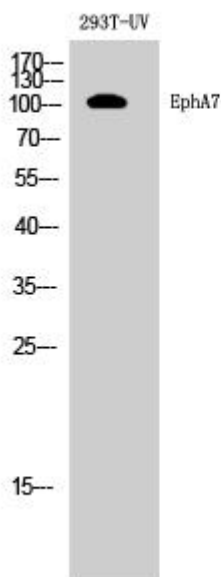
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using EphA7 Monoclonal Antibody