

EphA7 (phospho Tyr791) Polyclonal Antibody

Catalog No: YP0508

Human; Mouse; Rat Reactivity:

Applications: WB;ELISA

Target: EPHA7

Fields: >>Axon guidance

Gene Name: EPHA7

Protein Name: Ephrin type-A receptor 7

Human Gene Id: 2045

Human Swiss Prot

Q15375

No:

Mouse Gene Id: 13841

Mouse Swiss Prot

No:

Rat Gene Id: 171287

Rat Swiss Prot No: P54759

Synthesized phospho-peptide around the phosphorylation site of human EphA7 Immunogen:

(phospho Tyr791)

Q61772

Specificity: Phospho-EphA7 (Y791) Polyclonal Antibody detects endogenous levels of

EphA7 protein only when phosphorylated at Y791.

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

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Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 112kD

Cell Pathway: Axon guidance;

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],

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.,

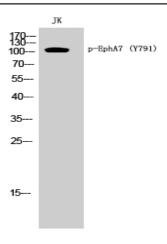
Subcellular Location:

Cell membrane ; Single-pass type I membrane protein .

Expression : Widely expressed.

Products Images

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Western Blot analysis of JK cells using Phospho-EphA7 (Y791) Polyclonal Antibody