

**EphA7 (phospho Tyr791) Polyclonal Antibody**

<b>Catalog No :</b>	YP0508
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	EPHA7
<b>Fields :</b>	>>Axon guidance
<b>Gene Name :</b>	EPHA7
<b>Protein Name :</b>	Ephrin type-A receptor 7
<b>Human Gene Id :</b>	2045
<b>Human Swiss Prot No :</b>	Q15375
<b>Mouse Gene Id :</b>	13841
<b>Mouse Swiss Prot No :</b>	Q61772
<b>Rat Gene Id :</b>	171287
<b>Rat Swiss Prot No :</b>	P54759
<b>Immunogen :</b>	Synthesized phospho-peptide around the phosphorylation site of human EphA7 (phospho Tyr791)
<b>Specificity :</b>	Phospho-EphA7 (Y791) Polyclonal Antibody detects endogenous levels of EphA7 protein only when phosphorylated at Y791.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

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<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	112kD
<b>Cell Pathway :</b>	Axon guidance;
<b>Background :</b>	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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	Cell membrane ; Single-pass type I membrane protein .
<b>Expression :</b>	Widely expressed.

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## Products Images

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

