

EPHA5 (Phospho Tyr650) rabbit pAb

Catalog No :	YP1747
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	EPHA5
Fields :	>>Axon guidance
Gene Name :	EPHA5 BSK EHK1 HEK7 TYRO4
Protein Name :	EPHA5 (Phospho-Tyr650)
Human Gene Id :	2044
Human Swiss Prot No :	P54756
Mouse Gene Id :	13839
Mouse Swiss Prot No :	Q60629
Rat Gene Id :	79208
Rat Swiss Prot No :	P54757
Immunogen :	Synthesized peptide derived from human EPHA5 (Phospho-Tyr650)
Specificity :	This antibody detects endogenous levels of EPHA5 (Phospho-Tyr650) at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000

Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	114kD
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. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Aug 2013],
Function :	alternative products:Additional isoforms seem to exist,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.,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.,tissue specificity:Almost exclusively expressed in the nervous system.,
Subcellular Location :	Cell membrane ; Single-pass type I membrane protein . Cell projection, axon . Cell projection, dendrite .
Expression :	Almost exclusively expressed in the nervous system in cortical neurons, cerebellar Purkinje cells and pyramidal neurons within the cortex and hippocampus. Display an increasing gradient of expression from the forebrain to hindbrain and spinal cord.

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