

**EPHB3 (Phospho Tyr608) rabbit pAb**

<b>Catalog No :</b>	YP1610
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	EPHB3
<b>Fields :</b>	>>Axon guidance
<b>Gene Name :</b>	EPHB3 ETK2 HEK2 TYRO6
<b>Protein Name :</b>	EPHB3 (Phospho Tyr608)
<b>Human Gene Id :</b>	2049
<b>Human Swiss Prot No :</b>	P54753
<b>Mouse Gene Id :</b>	13845
<b>Mouse Swiss Prot No :</b>	P54754
<b>Immunogen :</b>	Synthesized peptide derived from human EPHB3 (Phospho Tyr608)
<b>Specificity :</b>	This antibody detects endogenous levels of Human,Mouse,Rat EPHB3 (Phospho Tyr608)
<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 1:1000-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml

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

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**Observed Band :** 73kD

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**Background :** Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are divided into two groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. This gene encodes a receptor for ephrin-B family members. [provided by RefSeq, Mar 2010],

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**Function :** catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Receptor for members of the ephrin-B family. Binds to ephrin-B1 and -B2.,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:Ubiquitous.,

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**Subcellular Location :** Cell membrane ; Single-pass type I membrane protein . Cell projection, dendrite .

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**Expression :** Ubiquitous.

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## Products Images