

EphA4 (phospho Tyr596) rabbit pAb**Cat#: orb768003 (Manual)**

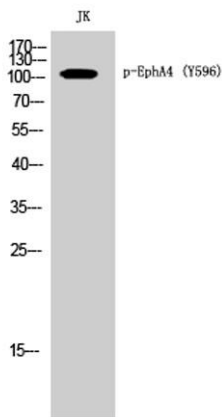
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Product Name	EphA4 (phospho Tyr596) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human EphA4 (phospho Tyr596)
Specificity	Phospho-EphA4 (Y596) Polyclonal Antibody detects endogenous levels of EphA4 protein only when phosphorylated at Y596.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ephrin type-A receptor 4
Gene Name	EPHA4
Cellular localization	Cell membrane ; Single-pass type I membrane protein . Cell projection, axon . Cell projection, dendrite . Cell junction, synapse, postsynaptic density membrane . Early endosome . Cell junction, adherens junction . Clustered upon activation and targeted to early endosome. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	110kD
Human Gene ID	2043
Human Swiss-Prot Number	P54764
Alternative Names	EPHA4; HEK8; SEK; TYRO1; Ephrin type-A receptor 4; EPH-like kinase 8; EK8; hEK8; Tyrosine-protein kinase TYRO1; Tyrosine-protein kinase receptor SEK

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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2015],



Western Blot analysis of JK cells using Phospho-EphA4 (Y596) Polyclonal Antibody