

EphA7 (phospho Tyr791) rabbit pAb**Cat#: orb768004 (Manual)**

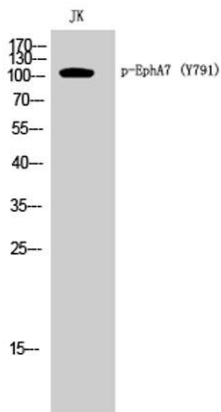
For research use only. Not intended for diagnostic use.

| | |
|---------------------------------|---|
| Product Name | EphA7 (phospho Tyr791) rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| 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 EphA7 (phospho Tyr791) |
| 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.. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Ephrin type-A receptor 7 |
| Gene Name | EPHA7 |
| Cellular localization | Cell membrane ; Single-pass type I membrane protein . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |

| | |
|--------------------------------|---|
| Concentration | 1 mg/ml |
| Observed band | 112kD |
| Human Gene ID | 2045 |
| Human Swiss-Prot Number | Q15375 |
| Alternative Names | EPHA7; EHK3; HEK11; Ephrin type-A receptor 7; EPH homology kinase 3; EHK-3; EPH-like kinase 1f; EK11; hEK11 |

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],



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