

## EphA3/4/5 (phospho Tyr779/833) rabbit pAb

**Cat No.: ES5127** 

For research use only

## Overview

Product Name EphA3/4/5 (phospho Tyr779/833) rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

**Recommended dilutions** Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human EPHA3/4/5 around the

phosphorylation site of Tyr779/833. AA

range:746-795

Specificity Phospho-EphA3/4/5 (Y779/833) Polyclonal Antibody

detects endogenous levels of EphA3/4/5 protein

only when phosphorylated at Y779/833.

**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 3/4/5

Gene Name EPHA3/EPHA4/EPHA5

**Cellular localization** [Isoform 1]: Cell membrane; Single-pass type I

membrane protein .; [Isoform 2]: Secreted .

**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 2042/2043

Human Swiss-Prot Number P29320/P54764/P54756

Alternative Names EPHA3; ETK; ETK1; HEK; TYRO4; Ephrin type-A

receptor 3; EPH-like kinase 4; EK4; hEK4; HEK; Human embryo kinase; Tyrosine-protein kinase TYRO4; Tyrosine-protein kinase receptor ETK1;



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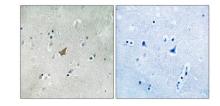


**Background** 

Eph-like tyrosine kinase 1; EPHA4; HEK8; SEK; TYRO1; Ephri

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. This gene encodes a protein that binds ephrin-A ligands. Two alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human brain, using EPHA3/4/5 (Phospho-Tyr779/833) Antibody. The picture on the right is blocked with the phospho peptide.



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