

EPHA5 (Phospho Tyr650) Rabbit pAb

CatalogNo: YP1747

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 114kD (Calculated)

Isotype

- IgG

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human EPHA5 (Phospho-Tyr650)

Specificity This antibody detects endogenous levels of EPHA5 (Phospho-Tyr650) at Human, Mouse, Rat. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): RTyID

Target Information

Gene name EPHA5 BSK EHK1 HEK7 TYRO4

Protein Name EPHA5 (Phospho-Tyr650)

Organism	Gene ID	UniProt ID
Human	2044;	P54756;
Mouse	13839;	Q60629;
Rat	79208;	P54757;

Cellular Localization Cell membrane ; Single-pass type I membrane protein . Cell projection, axon . Cell projection, dendrite .

Tissue specificity 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.

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.,

Validation Data

Contact information

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