

Phospho-EPHA2-Y594 Rabbit pAb

Catalog No.: AP0818 **1 Publications**

Basic Information

Observed MW

108kDa

Calculated MW

108kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Rat

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. This gene encodes a protein that binds ephrin-A ligands. Mutations in this gene are the cause of certain genetically-related cataract disorders.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

1969

Swiss Prot

P29317

Immunogen

A synthetic phosphorylated peptide around Y594 of human EphA2 (NP_004422.2).

Synonyms

ECK; CTPA; ARCC2; CTPP1; CTRCT6; Phospho-EPHA2-Y594

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

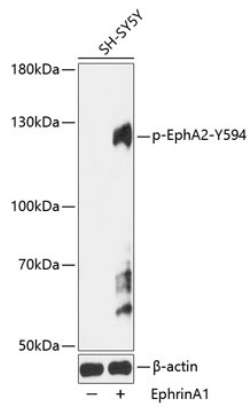
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from SH-SY5Y cells, using Phospho-EPHA2-Y594 Rabbit pAb (AP0818) at 1:1000 dilution. SH-SY5Y cells were treated by EphrinA1 (100 ng/mL) for 5 minutes .
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.