

AP1081

Leader in Biomolecular Solutions for Life Science



# Phospho-EPHA2-Y588 Rabbit pAb

Catalog No.: AP1081

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

108kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

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

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**  
1969

**Swiss Prot**  
P29317

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

ECK; CTPA; ARCC2; CTPP1; CTRCT6; Phospho-EPHA2-Y588

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## 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.