## A14238

Leader in Biomolecular Solutions for Life Science

# **EPHA5** Rabbit pAb

Catalog No.: A14238



# **Basic Information**

Observed MW 115kDa

Calculated MW 115kDa

Category Polyclonal Antibody

Applications WB,IF/ICC,ELISA

Cross-Reactivity Human,Mouse,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. Alternatively spliced transcript variants encoding different isoforms have been described.

# **Recommended Dilutions**

Immunogen Information
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WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

### **Swiss Prot** P54756

#### Immunogen

Gene ID

2044

Recombinant fusion protein containing a sequence corresponding to amino acids 1-130 of human EPHA5 (NP\_004430.4).

#### Synonyms

EK7; CEK7; EHK1; HEK7; EHK-1; TYRO4; EPHA5

# **Product Information**

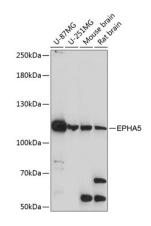
www.abclonal.com

Source Rabbit **Isotype** IgG Purification Affinity purification

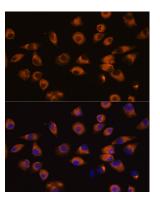
Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

# Validation Data



Western blot analysis of various lysates using EPHA5 Rabbit pAb (A14238) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence analysis of L929 cells using EPHA5 Rabbit pAb (A14238) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.