

## EPHA4 Rabbit Polyclonal Antibody

Catalog No: #55484

Package Size: #55484-1 50ul #55484-2 100ul

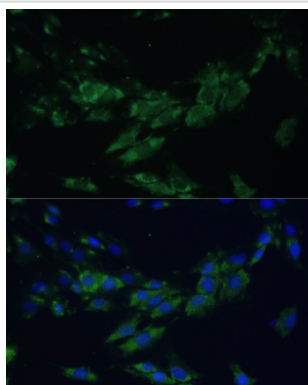
## Description

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Product Name          | EPHA4 Rabbit Polyclonal Antibody                         |
| Host Species          | Rabbit                                                   |
| Clonality             | Polyclonal                                               |
| Isotype               | IgG                                                      |
| Purification          | Affinity purification                                    |
| Applications          | WB,IF                                                    |
| Species Reactivity    | Human,Mouse,Rat                                          |
| Immunogen Description | Recombinant fusion protein of human EPHA4 (NP_004429.1). |
| Conjugates            | Unconjugated                                             |
| Other Names           | EPHA4;HEK8;SEK;TYRO1                                     |
| Accession No.         | Swiss Prot:P54764GenelD:2043                             |
| Calculated MW         | 104kDa/109kDa                                            |
| SDS-PAGE MW           | 110kDa                                                   |
| Formulation           | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.  |
| Storage               | Store at -20°C. Avoid freeze / thaw cycles.              |

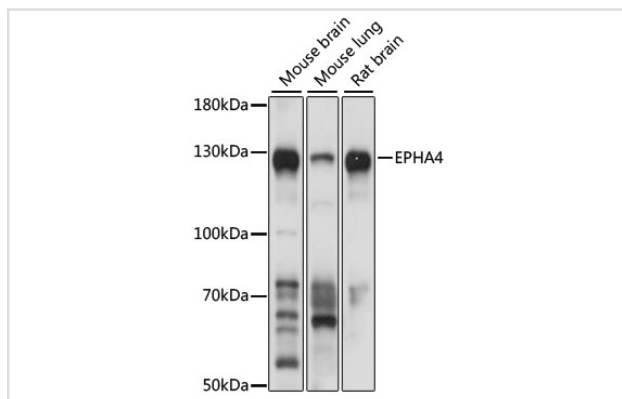
## Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

## Images



Immunofluorescence analysis of C6 cells using EPHA4 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using EPHA4 at 1:1000 dilution.

## 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. Multiple transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.