**Product Datasheet**

# Kv3.4 (phospho Ser15) Polyclonal Antibody

Catalog No: #13757

Package Size: #13757-1 50ul #13757-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

| | |
|---|---|
| Product Name | Kv3.4 (phospho Ser15) Polyclonal Antibody |
| Host Species | Rabbit |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | IHC-p,IF/ICC,ELISA |
| Species Reactivity | Human,Mouse |
| Specificity | Phospho-Kv3.4 (S15) Polyclonal Antibody detects endogenous levels of Kv3.4 protein only when phosphorylated at S15. |
| Immunogen Description | Synthesized phospho-peptide around the phosphorylation site of human Kv3.4 (phospho Ser15) |
| Other Names | KCNC4; Potassium voltage-gated channel subfamily C member 4; KSHIIIC; Voltage-gated potassium channel subunit Kv3.4 |
| Accession No. | Swiss Prot:Q03721GeneID:3749 |
| Uniprot | Q03721 |
| GeneID | 3749 |
| Calculated MW | 69kd |
| Concentration | 1 mg/ml |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | -20°C/1 |

## Application Details

Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

## Background

potassium voltage-gated channel subfamily C member 4(KCNC4) Homo sapiens The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. It generates atypical voltage-dependent transient current that may be important for neuronal excitability. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jul 2010],

Note: This product is for in vitro research use only