10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Kv3.4 Polyclonal Antibody
**Catalog # AP70695**

## Specification

### Kv3.4 Polyclonal Antibody - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | Q03721 |
| Reactivity | **Human, Mouse, Monkey** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |

### Kv3.4 Polyclonal Antibody - Additional Information

**Gene ID** 3749

**Other Names**
KCNC4; Potassium voltage-gated channel subfamily C member 4; KSHIIIC; Voltage-gated potassium channel subunit Kv3.4

**Dilution**
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

**Format**
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**
-20℃

### Kv3.4 Polyclonal Antibody - Protein Information

**Name** KCNC4 (HGNC:6236)

**Function**
This protein mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.

**Cellular Location**
Membrane; Multi-pass membrane protein.

### Kv3.4 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

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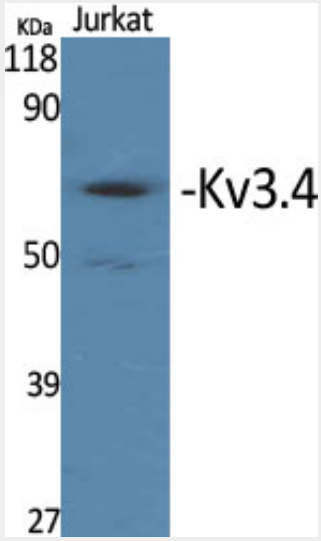
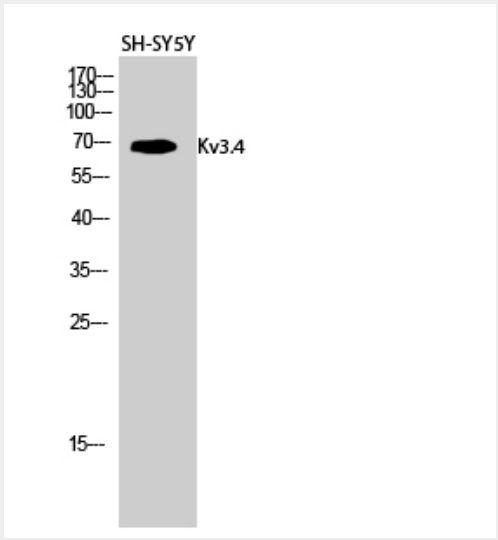
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**Kv3.4 Polyclonal Antibody - Images**



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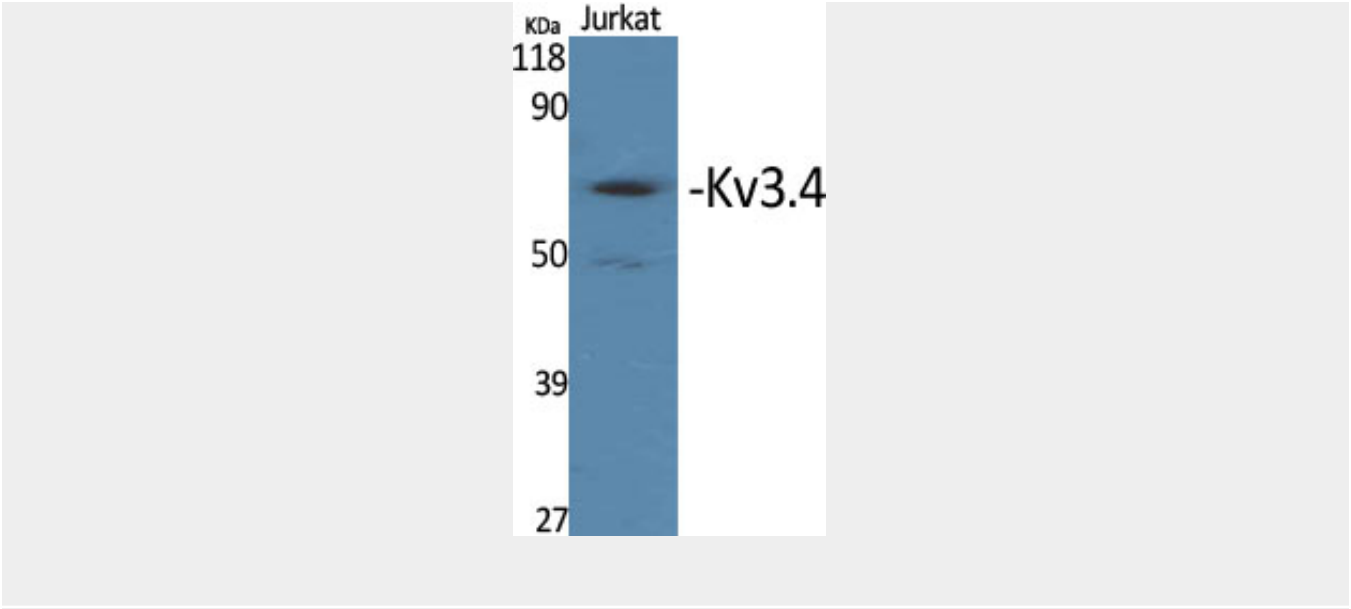


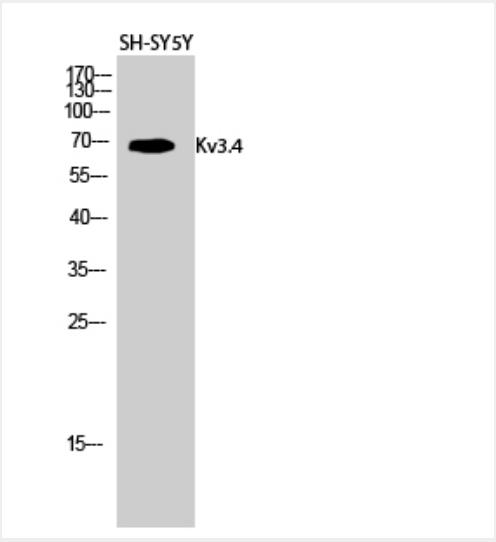


**Kv3.4 Polyclonal Antibody - Background**

This protein mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.