

## KCND1 Conjugated Antibody

Catalog No: #C34916



Package Size: #C34916-AF350 100ul #C34916-AF405 100ul #C34916-AF488 100ul  
 #C34916-AF555 100ul #C34916-AF594 100ul #C34916-AF647 100ul  
 #C34916-AF680 100ul #C34916-AF750 100ul #C34916-Biotin 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | KCND1 Conjugated Antibody  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Species Reactivity    | Hu Ms  |
| Specificity           | The antibody detects endogenous levels of total KCND1 protein.   |
| Immunogen Description | Synthesized peptide derived from C-terminal of human KCND1.  |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | KV4.1;potassium voltage-gated channel subfamily D member 1;potassium voltage-gated channel;Shal-related subfamily;member 1   |
| Accession No.         | Swiss-Prot#:Q9NSA2NCBI Gene ID:3750  |
| Uniprot               | Q9NSA2   |
| GeneID                | 3750;  |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 70   |
| Formulation           | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide  |
| Storage               | Store at 4°C in dark for 6 months  |

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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Pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. May contribute to I(To) current in heart and I(Sa) current in neurons. Channel properties are modulated by interactions with other alpha subunits and with regulatory subunits.

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Note: This product is for in vitro research use only