

# Potassium voltage-gated channel subfamily D member 1 Polyclonal Conjugated Antibody

Catalog No: #C42227

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Package Size: #C42227-AF350 100ul #C42227-AF405 100ul #C42227-AF488 100ul

#C42227-AF555 100ul #C42227-AF594 100ul #C42227-AF647 100ul

#C42227-AF680 100ul #C42227-AF750 100ul #C42227-Biotin 100ul

## Description

Product Name	Potassium voltage-gated channel subfamily D member 1 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Potassium voltage-gated channel subfamily D member 1 polyclonal antibody.
Immunogen Description	Recombinant human Potassium voltage-gated channel subfamily D member 1 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Voltage-gated potassium channel subunit Kv4.1,KCND1
Accession No.	Swiss-Prot#:Q9NSA2
Uniprot	Q9NSA2
GeneID	3750;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
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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## 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