

For Research Use Only

# KCND2-Specific Polyclonal antibody

Catalog Number: 19964-1-AP



## Basic Information

<b>Catalog Number:</b> 19964-1-AP	<b>GenBank Accession Number:</b> NM_012281	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 160 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3751	
<b>Source:</b> Rabbit	<b>Full Name:</b> potassium voltage-gated channel, Shal-related subfamily, member 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 71 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

KCND2, also named as KIAA1044 and KV4.2, belongs to the potassium channel family and D (Shal) subfamily. It is a pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. KCND2 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. This antibody is specific to KCND2.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

**\*\*\* 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:  
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## Selected Validation Data