

For Research Use Only

# KCNT1 Polyclonal antibody

Catalog Number: 19759-1-AP



## Basic Information

<b>Catalog Number:</b> 19759-1-AP	<b>GenBank Accession Number:</b> NM_020822	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul	<b>GeneID (NCBI):</b> 57582	
<b>Source:</b> Rabbit	<b>Full Name:</b> potassium channel, subfamily T, member 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 138 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

KCNT1, also named as KIAA1422 and KCa4.1, belongs to the potassium channel family and Calcium-activated subfamily. KCNT1 is outwardly rectifying potassium channel subunit that may co-assemble with other Slo-type channel subunits. It is activated by high intracellular sodium or chloride levels. KCNT1 is also activated upon stimulation of G-protein coupled receptors, such as CHRM1 and GRIA1. It may be regulated by calcium in the absence of sodium ions (in vitro).

## 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