

## Anti-KCNT1 antibody



<b>Description</b>	Rabbit polyclonal to KCNT1.
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<b>Model</b>	STJ93826
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human KCNT1
<b>Immunogen Region</b>	980-1060 aa, C-terminal
<b>Gene ID</b>	<a href="#">57582</a>
<b>Gene Symbol</b>	<a href="#">KCNT1</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
<b>Specificity</b>	KCNT1 Polyclonal Antibody detects endogenous levels of KCNT1 protein.
<b>Tissue Specificity</b>	Highest expression in liver, brain and spinal cord. Lowest expression in skeletal muscle.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Potassium channel subfamily T member 1 KCa4.1
<b>Molecular Weight</b>	140 kDa
<b>Clonality</b>	Polyclonal

<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:18865</a> <a href="#">OMIM:608167</a>
<b>Alternative Names</b>	Potassium channel subfamily T member 1 KCa4.1
<b>Function</b>	Outwardly rectifying potassium channel subunit that may coassemble with other Slo-type channel subunits. Activated by high intracellular sodium or chloride levels. Activated upon stimulation of G-protein coupled receptors, such as CHRM1 and GRIA1. May be regulated by calcium in the absence of sodium ions (in vitro) .
<b>Cellular Localization</b>	Cell membrane
<b>Post-translational Modifications</b>	Phosphorylated by protein kinase C. Phosphorylation of the C-terminal domain increases channel activity .

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