

Anti-KCNT1 antibody



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

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:18865OMIM:608167
Alternative Names	Potassium channel subfamily T member 1 KCa4.1
Function	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) .
Cellular Localization	Cell membrane
Post-translational Modifications	Phosphorylated by protein kinase C. Phosphorylation of the C-terminal domain increases channel activity .

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