

## KCNT1 Polyclonal Antibody

Cat No: HR1AP8033

For research use only

### Overview

Product Name	KCNT1 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	140kDa
GeneID?Human?	KCNT1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	KCNT1; KIAA1422; Potassium channel subfamily T member 1; KCa4.1
Background	<p>potassium sodium-activated channel subfamily T member 1(KCNT1) Homo sapiens Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a sodium-activated potassium channel subunit which is thought to function in ion conductance and developmental signaling pathways. Mutations in this gene cause the early-onset epileptic disorders, malignant migrating partial seizures of infancy and autosomal dominant nocturnal frontal lobe epilepsy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012],</p>