

Rabbit KCNT1 Polyclonal Antibody | anti-KCNT1 antibody

KCNT1 Antibody

CATALOG # AAA289461	HOST Rabbit	REACTIVITY Human, mouse, rat	APPLICATIONS Immunohistochemistry, ELISA
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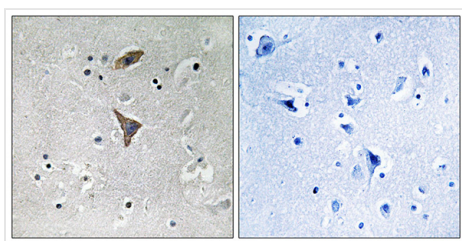
PRODUCT SYNONYMS

KCNT1; Polyclonal Antibody; KCNT1 Antibody; Potassium channel subfamily T member 1; KCa41; KIAA1422; anti-KCNT1 antibody

PRODUCT SPECIFICATIONS

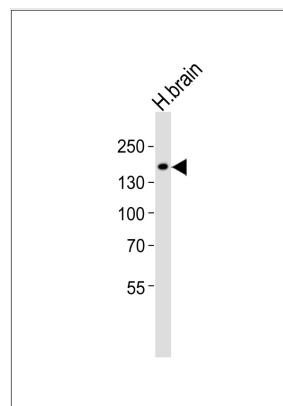
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	1035-1061
Sequence Length	1,211
Applicable Applications for anti-KCNT1 antibody	IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using KCNT1 antibody.



WB (Western Blot)

Western blot analysis of lysate from human brain tissue lysate, using KCNT1 Antibody(AAA289461). AAA289461 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNT1 antibody	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) (By similarity).
Product Categories/Family for anti-KCNT1 antibody	Neuroscience
References	Humphray S.J.,et al.Nature 429:369-374(2004). Nagase T.,et al.DNA Res. 7:65-73(2000). Heron S.E.,et al.Nat. Genet. 44:1188-1190(2012). Barcia G.,et al.Nat. Genet. 44:1255-1259(2012).

NCBI AND UNIPROT INFORMATION

NCBI GI #	432134244
NCBI GeneID	57582
NCBI Accession #	NP_001258932.1
NCBI GenBank Nucleotide #	NM_001272003.1
UniProt Accession #	Q5JUK3; Q9P2C5; B3KXF7; B7ZVY4; B9EGP2; G5E9V0
Molecular Weight	138343
NCBI Official Full Name	potassium channel subfamily T member 1 isoform 2
NCBI Official Synonym Full Names	potassium channel, sodium activated subfamily T, member 1
NCBI Official Symbol	KCNT1
NCBI Official Synonym Symbols	ENFL5; SLACK; EIEE14; KCa4.1; Slo2.2; bA100C15.2
NCBI Protein Information	potassium channel subfamily T member 1
UniProt Protein Name	Potassium channel subfamily T member 1
UniProt Gene Name	KCNT1
UniProt Synonym Gene Names	KIAA1422
UniProt Entry Name	KCNT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.