



Anti-KCNT1 (C-terminal) polyclonal antibody (DPABH-06296)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description Outwardly rectifying potassium channel subunit that may co-assemble 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).

Immunogen	Synthetic peptide derived from the C terminus of Human KCNT1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.40; Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride. Note: PBS without Mg ²⁺ and Ca ²⁺
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Store at -20oC.

GENE INFORMATION

Gene Name	KCNT1 potassium channel, subfamily T, member 1 [Homo sapiens]
Official Symbol	KCNT1
Synonyms	KCNT1; potassium channel, subfamily T, member 1; potassium channel subfamily T member 1; KCa4.1; KIAA1422; SLACK; bA100C15.2; FLJ41282;

Entrez Gene ID	57582
Protein Refseq	NP_065873
UniProt ID	Q5JUK3
Chromosome Location	9q34.3
Function	calcium-activated potassium channel activity; ion channel activity; nucleotide binding; voltage-gated potassium channel activity;