

Datasheet for ABIN7251640

**anti-KCNT1 antibody****1** Image[Go to Product page](#)

## Overview

|              |                                      |
|--------------|--------------------------------------|
| Quantity:    | 200 µL                               |
| Target:      | KCNT1                                |
| Reactivity:  | Human, Rat, Mouse                    |
| Host:        | Rabbit                               |
| Clonality:   | Polyclonal                           |
| Conjugate:   | This KCNT1 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA    |

## Product Details

|                  |                                  |
|------------------|----------------------------------|
| Immunogen:       | Synthetic peptide of human KCNT1 |
| Isotype:         | IgG                              |
| Characteristics: | Polyclonal Antibody              |
| Purification:    | Antigen affinity purification    |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | KCNT1  |
| Alternative Name: | KCNT1 ( <a href="#">KCNT1 Products</a> )   |
| Background:       | 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 |

## Target Details

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.

UniProt: [Q5JUK3](#)

## Application Details

Application Notes: IHC 1:30-1:150, ELISA 1:5000-1:10000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.9 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

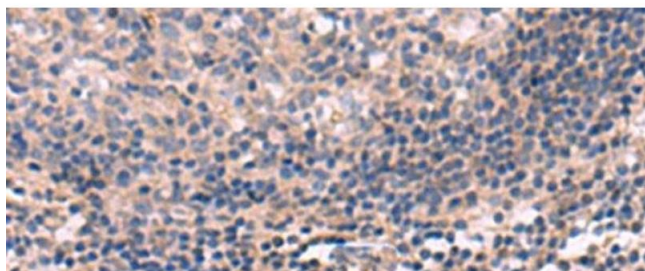
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human tonsil tissue using KCNT1 Polyclonal Antibody at dilution of 1:30(x200)