Datasheet for ABIN7245797

# anti-KCTD16 antibody

2 Images

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 200 µL |
| Target: | KCTD16 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KCTD16 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

| | |
|---|---|
| Immunogen: | Fusion protein of human KCTD16 |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Antigen affinity purification |

## Target Details

| | |
|---|---|
| Target: | KCTD16 |
| Alternative Name: | KCTD16 (KCTD16 Products) |
| Background: | The BTB (Broad-Complex, Tramtrack and Bric a brac) domain, also known as the POZ (Poxvirus and Zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and |

## Target Details

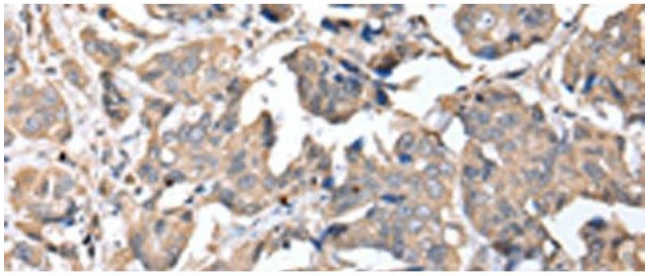
| | |
|---|---|
| | function. KCTD16 (potassium channel tetramerisation domain containing 16), also known as BTB/POZ domain-containing protein KCTD16, is a 428 amino acid protein that contains one BTB (POZ) domain. An auxiliary subunit of GABAB R1 and GABAB R2, KCTD16 increases agonist potency and alters the G-protein signaling of the receptors by accelerating onset and promoting desensitization. |
| Molecular Weight: | Observed_MW: Refer to figures<br>Calculated_MW: 49 kDa |
| UniProt: | Q68DU8 |
| Pathways: | Synaptic Membrane, Regulation of G-Protein Coupled Receptor Protein Signaling |

## Application Details

| | |
|---|---|
| Application Notes: | WB 1:500-1:2000, IHC 1:25-1:100, ELISA 1:5000-1:10000 |
| Restrictions: | For Research Use only |

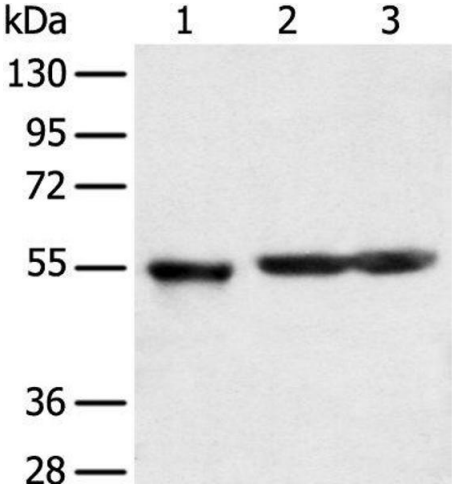
## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 0.8 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. |



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human breast cancer tissue using KCTD16 Polyclonal Antibody at dilution of 1:25(x200)




**Western Blotting**

**Image 2.** Western blot analysis of Human cerebrum tissue rat brain tissue and Mouse brain tissue using KCTD16 Polyclonal Antibody at dilution of 1:350