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Datasheet for ABIN6991084
anti-KCTD15 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	KCTD15
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCTD15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KCTD15 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human KCTD15. The immunogen is located within the last 50 amino acids of KCTD15.
Isotype:	IgG
Purification:	KCTD15 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	KCTD15
Alternative Name:	KCTD15 (KCTD15 Products)
Background:	KCTD15 Antibody: Childhood and adult obesity in the United States and to a lesser extent the

Target Details

rest of the world has increased dramatically over the past decade. Both environmental and genetic factors are involved in the onset and progression of weight gain. Recently, the potassium channel KCTD15 was identified as a genetic loci associated with higher than normal body mass index (BMI) in humans along with genes such as GNPDA2, MTCH2, FTO, and TMEM18. Further studies on single nucleotide polymorphisms (SNPs) in non-diabetic and diabetic patients showed that FTO was most strongly associated with obesity while MTCH2 and GNPDA2 were still significantly associated with higher than normal BMI levels. At least two isoforms of KCTD15 are known to exist.

Gene ID: 79047

UniProt: [Q96S11](#)

Application Details

Application Notes: KCTD15 antibody can be used for detection of KCTD15 by Western blot at 0.5 - 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: KCTD15 Antibody is supplied in PBS containing 0.02 % sodium azide.

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, 4 °C

Storage Comment: KCTD15 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.