Datasheet for ABIN2776349

anti-KCTD4 antibody (Middle Region)

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Overview

Quantity:	100 µL
Target:	KCTD4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCTD4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KCTD4
Sequence:	EITDNHDRSQ GLRIFCNAPD FISKIKSRIV LVSKSRLDGF PEEFSISSNI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against KCTD4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	KCTD4

Target Details

Alternative Name:	KCTD4 (KCTD4 Products)
Background:	KCTD4 contains 1 BTB (POZ) domain. The exact function of KCTD4 remains unknown. Alias Symbols: bA321C24.3 Protein Interaction Partner: KCTD4, FXR2, Protein Size: 259
Molecular Weight:	30 kDa
Gene ID:	386618
NCBI Accession:	NM_198404, NP_940686
UniProt:	Q8WVF5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 259 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

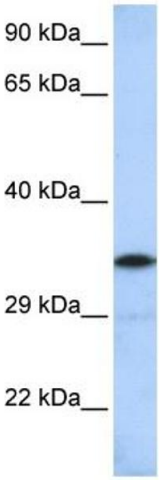
Publications

Product cited in:	Tilley, Harvey, Heguy, Hackett, Wang, OConnor, Crystal: "Down-regulation of the notch pathway

Publications

in human airway epithelium in association with smoking and chronic obstructive pulmonary disease." in: **American journal of respiratory and critical care medicine**, Vol. 179, Issue 6, pp. 457-66, (2009) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-KCTD4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate