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Datasheet for ABIN2786421

anti-Carabin antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	Carabin (TBC1D10C)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Dog, Horse, Cow, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Carabin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TBC1D10C
Sequence:	MAQALGEDLV QPELQDDSS SLGSDSELSG PGPYRQADRY GFIGGSSAEP
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Pig: 93%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against TBC1D10C. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Carabin (TBC1D10C)
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Target Details

Alternative Name:	TBC1D10C (TBC1D10C Products)
Background:	<p>TBC1D10C inhibits the Ras signaling pathway through its intrinsic Ras GTPase-activating protein (GAP) activity. TBC1D10C acts as a negative feedback inhibitor of the calcineurin signaling pathway that also mediates crosstalk between calcineurin and Ras. Carabin is an endogenous inhibitor of calcineurin (see MIM 114105) that also inhibits the Ras (see MIM 190020) signaling pathway through its intrinsic Ras GTPase-activating protein activity (Pan et al., 2007 [PubMed 17230191]). [supplied by OMIM].</p> <p>Alias Symbols: FLJ00332, MGC46488, EPI64C, CARABIN</p> <p>Protein Interaction Partner: NOTCH2NL, KRTAP13-1, KLHL12, KRTAP5-9, HOXA1, APP, PPP3R2,</p> <p>Protein Size: 446</p>
Molecular Weight:	50 kDa
Gene ID:	374403
NCBI Accession:	NM_198517 , NP_940919
UniProt:	Q8IV04

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 446 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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-TBC1D10C Antibody

Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate