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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 QPPELQDDSS 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)

Target Details

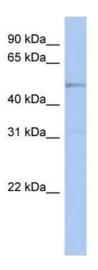
Alternative Name:	TBC1D10C (TBC1D10C Products)
Background:	TBC1D10C inhibits the Ras signaling pathway through its intrinsic Ras GTPase-activating protein (GAP) activity. TBC1D10C acts as a negative feedback inhibitor of the calcineurin signaling pathway that also mediates crosstalk between calcineurin 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]. Alias Symbols: FLJ00332, MGC46488, EPI64C, CARABIN Protein Interaction Partner: NOTCH2NL, KRTAP13-1, KLHL12, KRTAP5-9, HOXA1, APP, PPP3R2, Protein Size: 446
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