

Datasheet for ABIN2775468
anti-TBC1D16 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	TBC1D16
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Horse, Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBC1D16 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TBC1D16
Sequence:	RGEVWPFLLR YYSHESTSEE REALRLQKRK EYSEIQQKRL SMTPEEHRAF
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Yeast: 77%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against TBC1D16. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TBC1D16
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Target Details

Alternative Name:	TBC1D16 (TBC1D16 Products)
Background:	<p>TBC1D16 may act as a GTPase-activating protein for Rab family protein(s).</p> <p>Alias Symbols: FLJ20748, MGC25062</p> <p>Protein Interaction Partner: NOTCH2NL, KRTAP10-8, KRTAP10-5, KRTAP10-9, KRT40, KRTAP3-2, KRTAP4-12, RGS17, TENC1, RGS20, TRAF1, PSMA3, KRTAP5-9, MAP1LC3A, GABARAPL1,</p> <p>Protein Size: 767</p>
Molecular Weight:	86 kDa
Gene ID:	125058
NCBI Accession:	NM_019020 , NP_061893
UniProt:	Q8TBP0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 767 AA
Restrictions:	For Research Use only

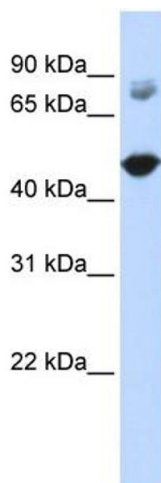
Handling

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: Tordjman, Leroyer, Chauvet, Quette, Chauvet, Tomkiewicz, Chapron, Barouki, Forest, Aggerbeck, Antoine: "Cytosolic aspartate aminotransferase, a new partner in adipocyte glyceroneogenesis and an atypical target of thiazolidinedione." in: **The Journal of biological chemistry**, Vol. 282, Issue 32, pp. 23591-602, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TBC1D16 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Transfected 293T