

Datasheet for ABIN2789652  
**anti-TBC1D4 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	TBC1D4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBC1D4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human TBC1D4
Sequence:	EMEKIITQVF EMDISKQLHA YEVEYHVLQD ELQESSYSCE DSETLEKLER
Predicted Reactivity:	Cow: 79%, Dog: 79%, Guinea Pig: 79%, Horse: 79%, Human: 100%, Mouse: 79%, Rabbit: 83%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against TBC1D4. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	TBC1D4
---------	--------

## Target Details

Alternative Name:	TBC1D4 ( <a href="#">TBC1D4 Products</a> )
Background:	<p>TBC1D4 may act as a GTPase-activating protein for RAB2A, RAB8A, RAB10 and RAB14.</p> <p>Isoform 2 promotes insulin-induced glucose transporter SLC2A4/GLUT4 translocation at the plasma membrane, thus increasing glucose uptake.</p> <p>Alias Symbols: AS160, DKFZp779C0666</p> <p>Protein Interaction Partner: BTRC, FBXW11, CEP72, CEP57, AURKB, TP53, CDKN1A, UBC, TSEN2, WDR77, TBC1D2, SMC4, TLE3, RPL3, POLD1, PIN1, YWHAB, AKT1, YWHAQ, YWHAЕ, ROR1, CUL2, EP400, TET2, U2SURP, RBM12, ZMIZ1, FAM208A, NAV1, CDK5RAP2, TOPBP1, KIAA1551, YWHAG, NFAT5, DNPEP,</p> <p>Protein Size: 1298</p>
Molecular Weight:	146 kDa
Gene ID:	9882
NCBI Accession:	<a href="#">NM_014832</a> , <a href="#">NP_055647</a>
UniProt:	<a href="#">O60343</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1298 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

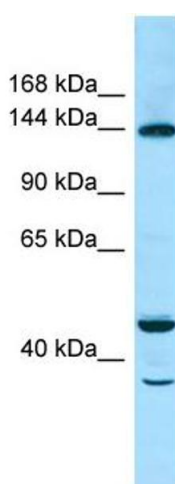
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Immunohistochemistry

**Image 1.** Rabbit Anti-TBC1D4 Antibody Catalog Number: ARP63880 Formalin Fixed Paraffin Embedded Tissue: Human Adult Thyroid Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec



### Western Blotting

**Image 2.** WB Suggested Anti-TBC1D4 Antibody Titration: 1.0 ug/ml Positive Control: 721\_B Whole Cell