

Datasheet for ABIN2785269

**anti-TBC1D21 antibody (N-Term)****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	TBC1D21
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Dog, Horse, Pig, Guinea Pig, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBC1D21 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 TBC1D21
Sequence:	MTTLSPENSL SARQSASFIL VKRKPPIDKT EWDSFFDESG HLAKSRLFIC
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 83%, Horse: 86%, Human: 100%, Mouse: 93%, Pig: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TBC1D21. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	TBC1D21
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## Target Details

Alternative Name:	TBC1D21 ( <a href="#">TBC1D21 Products</a> )
Background:	TBC1D21 may act as a GTPase-activating protein for Rab family protein(s). Alias Symbols: MGC34741, MgcRabGAP Protein Interaction Partner: APP, Protein Size: 336
Molecular Weight:	39 kDa
Gene ID:	161514
NCBI Accession:	<a href="#">NM_153356</a> , <a href="#">NP_699187</a>
UniProt:	<a href="#">Q8IYX1</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 336 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: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor,

Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).



Western Blotting

**Image 1. WB Suggested Anti-TBC1D21 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:1562500

**Positive Control:** Human brain