

Datasheet for ABIN2775385  
**anti-TMEM2 antibody (Middle Region)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	TMEM2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Horse, Pig, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TMEM2
Sequence:	MLTGLCQGCG TRQVVFTSDP HKSYLPVQFQ SPDKAETQRG DPSVISVNGT
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TMEM2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	TMEM2
---------	-------

## Target Details

Alternative Name:	TMEM2 ( <a href="#">TMEM2 Products</a> )
Background:	The function of this protein remains unknown. Alias Symbols: - Protein Interaction Partner: FBXO6, UBC, ELAVL1, Protein Size: 1383
Molecular Weight:	154 kDa
Gene ID:	23670
NCBI Accession:	<a href="#">NM_013390</a> , <a href="#">NP_037522</a>
UniProt:	<a href="#">Q9UHN6</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1383 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:	Sakamaki, Ishii, Sakata, Takemoto, Takagi, Takeuchi, Morishita, Takahashi, Nozawa, Shinoda,
-------------------	---------------------------------------------------------------------------------------------

Chiba, Sugimoto, Saito, Tamate, Satou, Jung, Matsuoka, Koyamada, Sawasaki, Nagai, Ueno: "Dysregulation of a potassium channel, THIK-1, targeted by caspase-8 accelerates cell shrinkage." in: **Biochimica et biophysica acta**, Vol. 1863, Issue 11, pp. 2766-2783, (2016) ([PubMed](#)).

Images



Western Blotting

**Image 1.** WB Suggested Anti-TMEM2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: PANC1 cell lysate

Western Blotting

**Image 2.** Host: Rabbit Target Name: TMEM2 Sample Tissue: Human HCT15 Whole Cell Antibody Dilution: 1ug/ml