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## anti-TMEM48 antibody (Middle Region)

2 Images



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#### Overview

Overview	
Quantity:	100 μL
Target:	TMEM48
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Zebrafish (Danio rerio), Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM48 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TMEM48
Sequence:	SFTEDRFGVV QTTLPAILNT LLTLQEAVDK YFKLPHASSK PPRISGSLVD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against TMEM48. It was validated on Western Blot.
Purification:	Affinity Purified

## **Target Details**

Target:	TMEM48
Alternative Name:	TMEM48 (TMEM48 Products)

### **Target Details**

Handling Advice:

Storage Comment:

Storage:

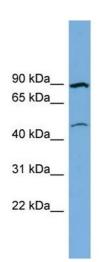
l arget Details	
Background:	TMEM48 is a component of the nuclear pore complex (NPC), which plays a key role in de novo assembly and insertion of NPC in the nuclear envelope. TMEM48 is required for NPC and nuclear envelope assembly, possibly by forming a link between the nuclear envelope membrane and soluble nucleoporins, thereby anchoring the NPC in the membrane.  Alias Symbols: FLJ10407, FLJ12556, FLJ34120, NDC1, RP4-654H19.1, NET3, TMEM48  Protein Interaction Partner: UBC, Ndc1, NUP93,  Protein Size: 674
Molecular Weight:	76 kDa
Gene ID:	55706
NCBI Accession:	NM_018087, NP_060557
UniProt:	Q9BTX1
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 674 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.

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

Avoid repeated freeze-thaw cycles.

aliquots to prevent freeze-thaw cycles.

-20 °C



Rabbit Anti-TMEM48 Antibody Catalog Number: ARP46267

Lot Number: QC16482 Lane: THP-1 Cell Lysate

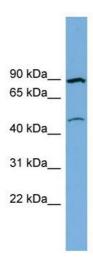
Antibody Titration: 1.0µg/ml Gel Concentration: 12%

#### **Western Blotting**

Image 1. WB Suggested Anti-TMEM48

Antibody Titration: 0.2-1 µg/mL

Positive Control: THP-1 cell lysate



#### **Western Blotting**

Image 2. WB Suggested Anti-TMEM48 Antibody Titration:0.2-1 ug/ml Positive Control: THP-1 cell lysate