

# TMEM48 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12668

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9BTX1</a>
<b>Other Accession</b>	<a href="#">NM_018087</a> , <a href="#">NP_060557</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	76305

## Additional Information

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<b>Gene ID</b>	55706
<b>Alias Symbol</b>	FLJ10407, FLJ12556, FLJ34120, NDC1, RP4-654H19.1, NET3, TMEM48
<b>Other Names</b>	Nucleoporin NDC1, hNDC1, Transmembrane protein 48, NDC1, TMEM48
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-TMEM48 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	TMEM48 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	NDC1
<b>Synonyms</b>	TMEM48
<b>Function</b>	Component of the nuclear pore complex (NPC), which plays a key role in de novo assembly and insertion of NPC in the nuclear envelope. 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.
<b>Cellular Location</b>	Nucleus, nuclear pore complex. Nucleus membrane; Multi-pass membrane protein. Note=Central core structure of the nuclear pore complex

## References

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Olsen,J.V.,(2006)Cell127(3),635-648ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.Publications:Tarazón,E.etal.Heartfailure inducessignificantchangesinnuclearporecomplexofhumancardiomyocytes.PLoSOne7,e48957(2012).WB,Zebra fish,Human,Bovine,Dog,Horse,Rabbit,Guineapig,Mouse,Rat23152829

## Images

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WB Suggested Anti-TMEM48 Antibody Titration: 0.2-1  
µg/ml  
ELISA Titer: 1:62500  
Positive Control: Human Lung

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.