10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TMEM48 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12668

Product Information

Application	WB
Primary Accession	Q9BTX1
Other Accession	NM_018087, NP_060557
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76305

Additional Information

Gene ID	55706
Alias Symbol	FLJ10407, FLJ12556, FLJ34120, NDC1, RP4-654H19.1, NET3, TMEM48
Other Names	Nucleoporin NDC1, hNDC1, Transmembrane protein 48, NDC1, TMEM48
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	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.
Precautions	TMEM48 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

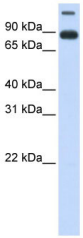
Protein Information

Name	NDC1
Synonyms	TMEM48
Function	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.
Cellular Location	Nucleus, nuclear pore complex. Nucleus membrane; Multi-pass membrane protein. Note=Central core structure of the nuclear pore complex

References

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

Images



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'.