

TMEM48 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12668**Specification**

TMEM48 antibody - middle region - Product Information

Application	WB
Primary Accession	Q9BTX1
Other Accession	NM_018087 , NP_060557
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76kDa KDa

TMEM48 antibody - middle region - 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.

TMEM48 antibody - middle region - 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.

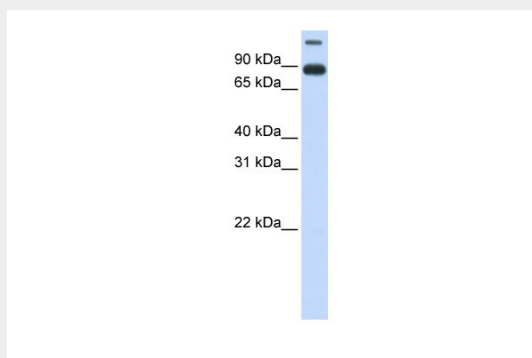
Cellular Location

Nucleus, nuclear pore complex. Nucleus membrane; Multi-pass membrane protein. Note=Central core structure of the nuclear pore complex

TMEM48 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TMEM48 antibody - middle region - Images

WB Suggested Anti-TMEM48 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Human Lung

TMEM48 antibody - middle region - References

Olsen, J.V., (2006) Cell 127(3), 635-648 Reconstitution and Storage: 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: Tarazona, E. et al. Heart failure induces significant changes in nuclear pore complex of human cardiomyocytes. PLoS ONE 7, e48957 (2012). WB, Zebrafish, Human, Bovine, Dog, Horse, Rabbit, Guinea pig, Mouse, Rat 23152829