

# Product Datasheet

## TMEM48 Antibody - BSA Free

### NBP1-91603

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-91603**

TMEM48 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 2% Sucrose

**Product Description**

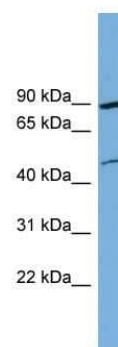
<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	55706
<b>Gene Symbol</b>	NDC1
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptide directed towards the middle region of human TMEM48. Peptide sequence SFTEDRFGVVQTTLPAILNTLLTLQEAVDKYFKLPHASSKPPRISGSLVD. The peptide sequence for this immunogen was taken from within the described region.

**Product Application Details**

<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml

**Images**

Western Blot: TMEM48 Antibody [NBP1-91603] - THP-1 cell lysate, concentration 0.2-1 ug/ml.



## Publications

Coyne AN, Zaepfel BL, Hayes L et al. G4C2 Repeat RNA Initiates a POM121-Mediated Reduction in Specific Nucleoporins in C9orf72 ALS/FTD Neuron 2020-07-08 [PMID: 32673563]

Rossi A, Coum A, Madelenat M, et al. Neural stem cells alter nucleocytoplasmic partitioning and accumulate nuclear polyadenylated transcripts during quiescence bioRxiv 2021-01-07

Zaepfel BL G4C2 repeat RNA mediates the disassembly of the nuclear pore complex in C9orf72 ALS/FTD bioRxiv 2020-01-01 (KD, WB, Human)

Kane M, Rebensburg SV, Takata MA et al. Nuclear pore heterogeneity influences HIV-1 infection and the antiviral activity of MX2 Elife 2018-08-07 [PMID: 30084827] (WB, Human)





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### **Products Related to NBP1-91603**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57766PEP	TMEM48 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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