

# Product Datasheet

## TCP11 Antibody - BSA Free

### NBP1-57698

Unit Size: 100 ul

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

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**NBP1-57698**

TCP11 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
<b>Target Molecular Weight</b>	56 kDa

**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>	6954
<b>Gene Symbol</b>	TCP11
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID:31837139).
<b>Immunogen</b>	Synthetic peptides corresponding to TCP11 (t-complex 11 homolog (mouse)) The peptide sequence was selected from the middle region of TCP11 (NP_061149). Peptide sequence CVCSVIDQRIHLFLKCCLVLGVQRSLLDLPGGTLIEAELGQKFVNL. The peptide sequence for this immunogen was taken from within the described region.

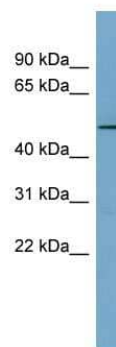
**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml, Immunocytochemistry/ Immunofluorescence, Knockout Validated
<b>Application Notes</b>	Knockout data (PMID: 31837139). Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID:31837139).



## Images

Western Blot: TCP11 Antibody [NBP1-57698] - Human Small Intestine, concentration 0.2-1 ug/ml.



## Publications

Castaneda JM, Miyata H, Archambeault DR Mouse T-complex protein 11 is important for progressive motility in sperm Biol. Reprod. 2019-12-14 [PMID: 31837139] (KO, WB, ICC/IF, Mouse)

Stanger SJ, Law EA, Jamsai D et al. A novel germ cell protein, SPIF (sperm PKA interacting factor), is essential for the formation of a PKA/TCP11 complex that undergoes conformational and phosphorylation changes upon capacitation. FASEB J 2016-08-01 [PMID: 27105888]



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### **Products Related to NBP1-57698**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006954-P01-10ug	Recombinant Human TCP11 GST (N-Term) Protein

### **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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