

# Product Datasheet

## TRPC6 Antibody - BSA Free

### NBP1-31008

Unit Size: 100 ul

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

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**NBP1-31008**

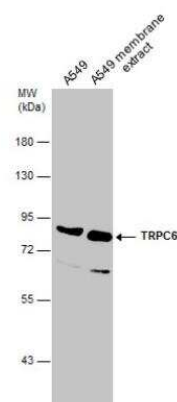
TRPC6 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<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>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS (pH 7), 40% Glycerol
<b>Target Molecular Weight</b>	106 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	7225
<b>Gene Symbol</b>	TRPC6
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human TRPC6. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:100-1:1000

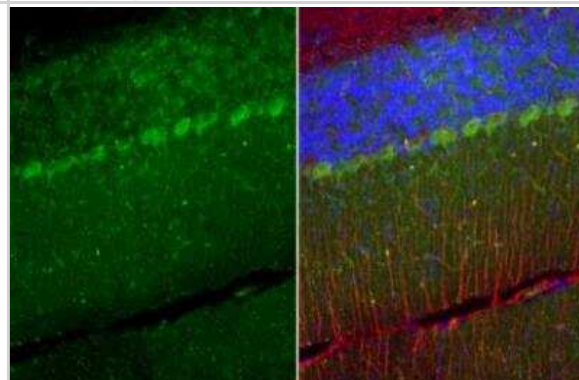


## Images

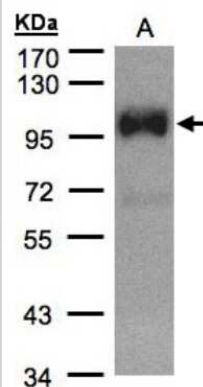
Western Blot: TRPC6 Antibody [NBP1-31008] - A549 whole cell and membrane extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with TRPC6 antibody diluted at 1:3000.



Immunohistochemistry-Paraffin: TRPC6 Antibody [NBP1-31008] - TRPC6 antibody [C3], C-term detects TRPC6 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse cerebellum. Green: TRPC6 stained by TRPC6 antibody [C3], C-term (NBP1-31008). Red: NF-H, a neuron marker, stained by NF-H antibody [GT114]. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: TRPC6 Antibody [NBP1-31008] - Sample(30 ug of whole cell lysate)A:HeLa S3 7.5% SDS PAGE, antibody diluted at 1:3000.



## Publications

Chaudhuri P, Putta P, Rosenbaum MA, Graham LM p38 MAPK activation and STIM1-Orai3 association mediate TRPC6 externalization American journal of physiology. Cell physiology 2023-04-24 [PMID: 37093037]



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### Products Related to NBP1-31008

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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
H00007225-Q01-10ug	Recombinant Human TRPC6 GST (N-Term) Protein

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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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