

# Product Datasheet

## TRPC1 Antibody NBP2-50090

Unit Size: 100 ul

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

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**NBP2-50090****TRPC1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<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>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute in 0.1 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability.
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Lyophilized from whole antisera

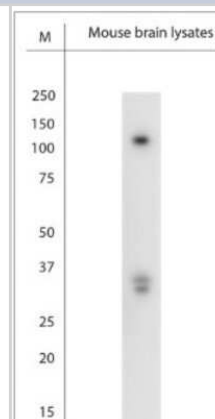
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	7220
<b>Gene Symbol</b>	TRPC1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Interacts with TRPC3. Interacts with ITPR3.
<b>Immunogen</b>	A synthetic peptide from amino acid region 40-90 of human TRPC1 conjugated to blue carrier protein was used as the antigen. The peptide is homologous in rat and mouse.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2000, Immunohistochemistry 1:1000-1:2000, Immunohistochemistry-Paraffin 1:1000-1:2000



## Images

Western Blot: TRPC1 Antibody [NBP2-50090] - WB on mouse brain lysate. Blocking: 1% LFDM for 30 min at RT; primary antibody: dilution 1:2000 incubated at 4C overnight.



Immunohistochemistry-Paraffin: TRPC1 Antibody [NBP2-50090] - IHC-P on paraffin section of mouse cerebellum.

The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturers instructions; DAB chromogen. Primary antibody: dilution 1: 1000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.





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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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