

# Product Datasheet

## TRPC6 Antibody - BSA Free

### NBP1-77260

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 3

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Updated 10/23/2025 v.20.1

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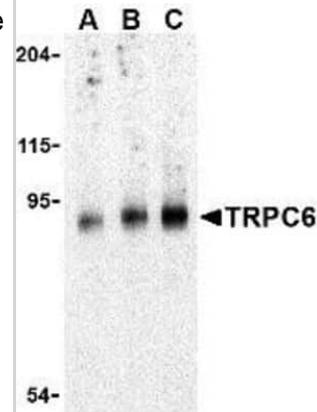
**NBP1-77260**

TRPC6 Antibody - BSA Free

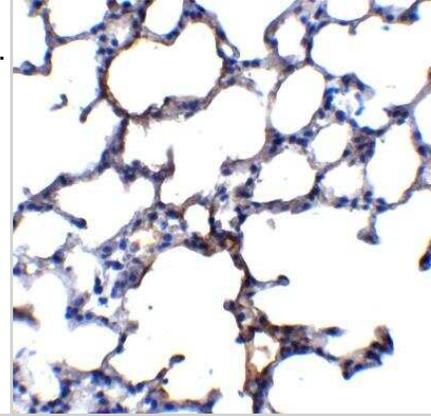
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	93 kDa
Product Description	
Description	Novus Biologicals Rabbit TRPC6 Antibody - BSA Free (NBP1-77260) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-TRPC6 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7225
Gene Symbol	TRPC6
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody may cross-react with TRPC3.
Immunogen	Antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human TRPC6. The immunogen is located within the last 50 amino acids of TRPC6. Amino Acid Sequence: LEEKSQNTEDLAEL
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.5-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 10 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 10 ug/ml

**Images**

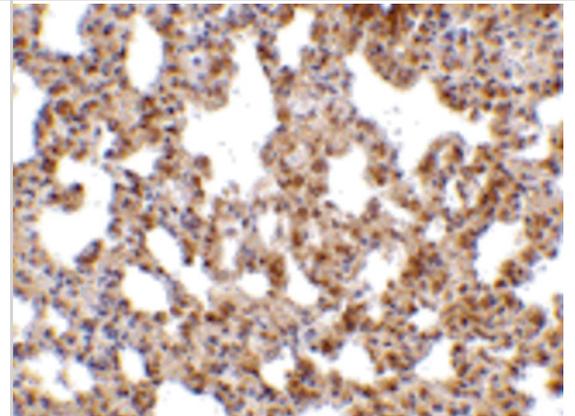
Western Blot: TRPC6 Antibody [NBP1-77260] - Mouse lung tissue lysate with TRPC6 antibody at (A) 0.5, (B) 1 and (C) 2 ug/ml.



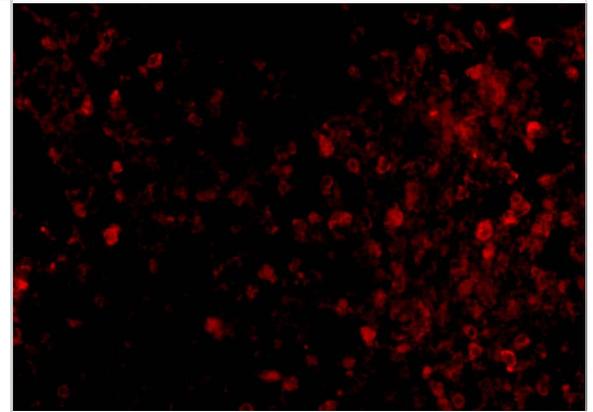
Immunohistochemistry-Paraffin: TRPC6 Antibody [NBP1-77260] - Staining of TRPC6 in mouse lung tissue with TRPC6 antibody at 5 ug/ml.



Immunohistochemistry: TRPC6 Antibody - BSA Free [NBP1-77260] - Immunohistochemistry of TRPC6 in mouse lung tissue with TRPC6 antibody at 10 u/mL.



Immunocytochemistry/ Immunofluorescence: TRPC6 Antibody - BSA Free [NBP1-77260] - Immunofluorescence of TRPC6 in Mouse Lung cells with TRPC6 antibody at 20 ug/mL.



## Publications

Zhou Y, Li ZL, Ding L, Zhang XJ et Al. Long noncoding RNA SNHG5 promotes podocyte injury via the microRNA-26a-5p/TRPC6 pathway in diabetic nephropathy J Biol Chem 2022-10-18 [PMID: 36257404]

Wang M, Yang D, Li L et Al. A Dual Role of Mesenchymal Stem Cell Derived Small Extracellular Vesicles on TRPC6 Protein and Mitochondria to Promote Diabetic Wound Healing ACS Nano 2024-01-30 [PMID: 38290527]

Su Y, Chen Q, Ju Y et al. Palmitate induces human glomerular mesangial cells fibrosis through CD36-mediated transient receptor potential canonical channel 6/nuclear factor of activated T cell 2 activation Biochim Biophys Acta Mol Cell Biol Lipids 2020-08-13 [PMID: 32800850]





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### **Products Related to NBP1-77260**

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NBP1-77260PEP	TRPC6 Antibody Blocking Peptide
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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