

Product Datasheet

TRPC4 Antibody NBP1-20989

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-20989

TRPC4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat TRPC4 Antibody (NBP1-20989) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-TRPC4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	7223
Gene Symbol	TRPC4
Species	Human, Rat
Specificity/Sensitivity	This antibody is expected to recognise all six reported isoforms (NP_057263.1; NP_003297.1; NP_001129427.1; NP_001129429.1; NP_001129428.1; NP_001129430.1).
Immunogen	Peptide with sequence C-KHAKEEDSSIDYD corresponding to internal region (near C-Terminus) according to NP_003297.1, NP_001129427.1, NP_001129429.1, NP_001129428.1, NP_001129430.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Immunohistochemistry 4.75 ug/mL, Immunohistochemistry-Paraffin 4.75 ug/mL, Peptide ELISA Detection limit 1:32000

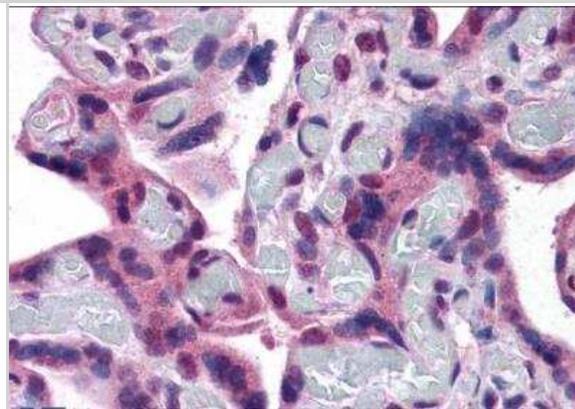


Images

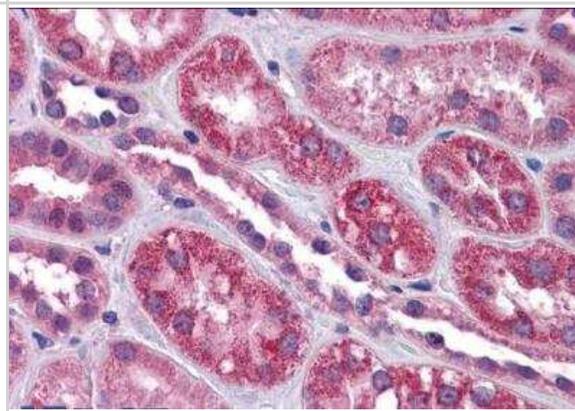
Western Blot: TRPC4 Antibody [NBP1-20989] - Staining of Rat Brain lysate (35 ug protein in RIPA buffer) with antibody at 0.3 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: TRPC4 Antibody [NBP1-20989] - Staining of paraffin embedded Human Placenta with antibody at 4.75 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: TRPC4 Antibody [NBP1-20989] - Staining of paraffin embedded Human Kidney with antibody at 4.75 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Song X, Zhao Y, Narcisse L et al. Canonical transient receptor potential channel 4 (TRPC4) co-localizes with the scaffolding protein ZO-1 in human fetal astrocytes in culture. *Glia* 2005-02-01 [PMID: 15540229]

Abou-Saleh H, Pathan AR, Daalis A et al. Inositol 1,4,5-Trisphosphate (IP3) Receptor Up-regulation in Hypertension Is Associated with Sensitization of Ca²⁺ Release and Vascular Smooth Muscle Contractility. *J Biol Chem*. 2013-11-15 [PMID: 24097979] (WB, Rat)



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Products Related to NBP1-20989

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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