

Product Datasheet

TRPC6 Antibody NB600-791

Unit Size: 0.1 mg

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

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Updated 9/9/2025 v.20.1

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NB600-791

TRPC6 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

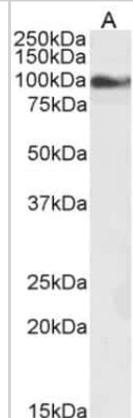
Product Description	
Description	Novus Biologicals Goat TRPC6 Antibody (NB600-791) is a polyclonal antibody validated for use in WB, ELISA and Flow. Anti-TRPC6 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	7225
Gene Symbol	TRPC6
Species	Human
Immunogen	Peptide with sequence C-EKLSMEPNQEETN corresponding to C-Terminus according to NP_004612.2.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Flow Cytometry 10 ug/mL, Peptide ELISA Detection limit 1:2000
Application Notes	Western blot: Approx 100 kDa band observed in lysates of cell line A549 (calculated MW of 106 kDa according to NP_004612.2). Preliminary experiments also showed 100 kDa in Human Lung lysates and in lysates of cell line HEK293 .

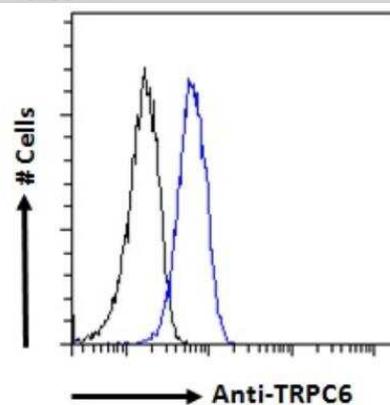


Images

Western Blot: TRPC6 Antibody [NB600-791] - Staining of A549 cell lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.



Flow Cytometry: TRPC6 Antibody [NB600-791] - Analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Winn MP, Conlon PJ, Lynn KL et al. A mutation in the TRPC6 cation channel causes familial focal segmental glomerulosclerosis. *Science* 2005-06-17 [PMID: 15879175]



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Products Related to NB600-791

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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