

# Product Datasheet

## TRPC6 Antibody NB600-791

Unit Size: 0.1 mg

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

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**NB600-791****TRPC6 Antibody**

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

<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	7225
<b>Gene Symbol</b>	TRPC6
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence C-EKLSMEPNQEETN corresponding to C-Terminus according to NP_004612.2.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3 - 1 ug/mL, Flow Cytometry 10 ug/mL, Peptide ELISA Detection limit 1:2000
<b>Application Notes</b>	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 .

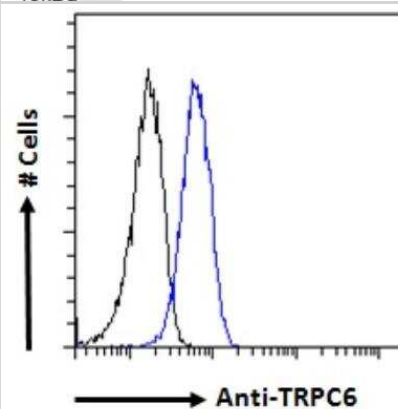


## Images

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**

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

### **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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