

Product Datasheet

TRPV5 Antibody NB100-93520

Unit Size: 0.1 mg

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

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Publications: 3

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NB100-93520

TRPV5 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 TRPV5 Antibody (NB100-93520) is a polyclonal antibody validated for use in WB and ELISA. Anti-TRPV5 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	56302
Gene Symbol	TRPV5
Species	Human
Immunogen	Peptide with sequence C-SHRGWEILRQNT corresponding to internal region according to NP_062815.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	ICC/IF successful usage for human retinal pigment epithelium is reported in scientific literature (PMID: 20405023). WB: Approx. 85 kDa band observed in human pancreas lysates (calculated MW of 82.6 kDa band according to NP_062815.2).

Images

Western Blot: TRPV5 Antibody [NB100-93520] - Western blot analysis of Human pancreas lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

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

Publications

Khalil R, Simitsidellis I, Kim NR et al. Androgen action on renal calcium and phosphate handling: Effects of bisphosphonate treatment and low calcium diet *Molecular and Cellular Endocrinology* 2020-08-01 [PMID: 32533994]

van der Eerden BC, Hoenderop JG, de Vries TJ et al. The epithelial Ca²⁺ channel TRPV5 is essential for proper osteoclastic bone resorption. *Proc Natl Acad Sci U S A* 2005-11-29 [PMID: 16291808]

Kennedy BG, Torabi AJ, Kurzawa R et al. Expression of transient receptor potential vanilloid channels TRPV5 and TRPV6 in retinal pigment epithelium. *Mol Vis* 2010-04-01 [PMID: 20405023]





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Products Related to NB100-93520

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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