

Product Datasheet

PTGER4/EP4 Antibody NB100-2801

Unit Size: 0.1 mg

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

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Publications: 3

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NB100-2801

PTGER4/EP4 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 PTGER4/EP4 Antibody (NB100-2801) is a polyclonal antibody validated for use in WB and ELISA. Anti-PTGER4/EP4 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5734
Gene Symbol	PTGER4
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25894216).
Immunogen	Peptide with sequence C-LEREVSKNPDLQA corresponding to internal region according to NP_000949.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 55 kDa band observed in human testis lysates (calculated MW of 53.1 kDa band according to NP_000949.1).

Images

Western Blot: PTGER4/EP4 Antibody [NB100-2801] - (0.1ug/ml) staining of Human Testes lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa

25kDa
20kDa
15kDa

Publications

Parida S, Pal I, Parekh A et al. GW627368X inhibits proliferation and induces apoptosis in cervical cancer by interfering with EP4/EGFR interactive signaling. *Cell Death Dis.* 2016-03-25 [PMID: 27010855] (WB, Human)

Echeverria V, Clerman A, Dore S. Stimulation of PGE receptors EP2 and EP4 protects cultured neurons against oxidative stress and cell death following beta-amyloid exposure. *Eur J Neurosci* 2005-11-01 [PMID: 16262658]

Parida S, Parekh A, Dey G et al. Molecular Inhibition of Prostaglandin E2 with GW627368X: Therapeutic potential and Preclinical Safety Assessment in Mouse Sarcoma Model *Cancer Biol. Ther.* 2015-04-20 [PMID: 25894216] (WB, Mouse)





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Products Related to NB100-2801

NB820-59266	Human Testis Whole Tissue Lysate (Adult Whole Normal)
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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