

# Product Datasheet

## PTGER2 Antibody - BSA Free

### NBP1-02321

Unit Size: 0.05 mg

Keep as concentrated solution. Aliquot and store at -20C or below. Avoid multiple freeze-thaw cycles.

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**NBP1-02321**

PTGER2 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Keep as concentrated solution. Aliquot and store at -20C or below. Avoid multiple freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS

**Product Description**

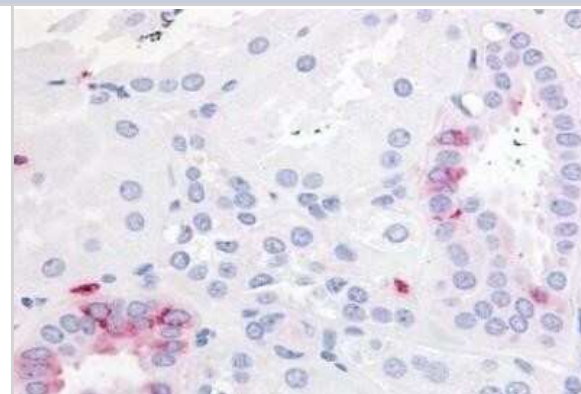
<b>Description</b>	Product can be stored undiluted at 4C for up to 1 month.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5732
<b>Gene Symbol</b>	PTGER2
<b>Species</b>	Human, Mouse, Rat, Porcine, Bat, Bovine
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 31194753). Predicted cross-reactivity based on sequence identity: Gorilla (100%), Gibbon (100%), Panda (100%), Marmoset (93%), Elephant (93%), Turkey (86%), Chicken (86%), Platypus (86%).
<b>Specificity/Sensitivity</b>	Human EP2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
<b>Immunogen</b>	Synthetic 14 amino acid peptide from 3rd extracellular domain of human PTGER2.

**Product Application Details**

<b>Applications</b>	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 40 ug/ml

**Images**

Immunohistochemistry-Paraffin: PTGER2 Antibody - BSA Free [NBP1-02321] - Staining of human kidney formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 40 ug/ml.



## Publications

Abdelfattah MS, Elmallah MIY, Ebrahim HY et al. Prodigiosins from a marine sponge-associated actinomycete attenuate HCl/ethanol-induced gastric lesion via antioxidant and anti-inflammatory mechanisms PLoS ONE 2019-06-13 [PMID: 31194753] (ELISA, Rat)

Gong MM, Lugo-Cintron KM, White BR et al. Involvement of different receptor subtypes in prostaglandin E2-induced contraction and relaxation in the lower esophageal sphincter and esophageal body Eur. J. Pharmacol. 2019-05-22 [PMID: 31128092] (IHC-P, Porcine)

Kotarska K, Lenartowicz M, Przyby?o M et al. Increased prostaglandin E2 EP2 signalling in cumulus cells of female mice sired by males with the Y-chromosome long-arm deletion Reprod Fertil Dev 2012-08-31 [PMID: 22953728]





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### **Products Related to NBP1-02321**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005732-P01-10ug	Recombinant Human PTGER2 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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