

# Product Datasheet

## GNAQ Antibody NBP1-72047

Unit Size: 0.1 mg

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

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**NBP1-72047****GNAQ 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

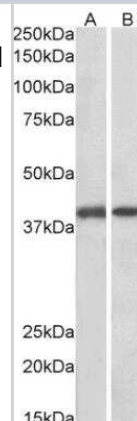
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat GNAQ Antibody (NBP1-72047) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-GNAQ Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	2776
<b>Gene Symbol</b>	GNAQ
<b>Species</b>	Human, Mouse, Rat, Porcine
<b>Immunogen</b>	Peptide with sequence C-NDLDRVADPAYLPT corresponding to internal region according to NP_002063.2.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1 - 0.3 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:64000
<b>Application Notes</b>	WB: Approx. 40 kDa band observed in human, mouse and rat testis lysates, in porcine colon and spleen lysates and in lysates of human peripheral blood mononucleocytes (calculated MW of 42.1 kDa band according to human NP_002063.2 and to rat NP_112298.1).



## Images

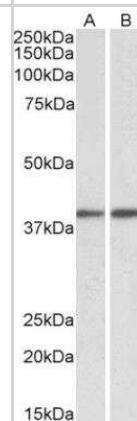
Western Blot: GNAQ Antibody [NBP1-72047] - Staining of Pig Colon (A) and Pig Spleen (B) lysates (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.



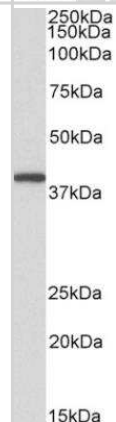
Immunohistochemistry-Paraffin: GNAQ Antibody [NBP1-72047] - Staining of paraffin embedded Human Kidney. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: GNAQ Antibody [NBP1-72047] - Staining of Mouse (A) and Rat (B) Testis lysates (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot: GNAQ Antibody [NBP1-72047] - Staining of Human Peripheral Blood Lymphocytes lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence



## Publications

Ngai J, Inngjerdigen M, Berge T, Taskn K. Interplay between the heterotrimeric G-protein subunits Galphaq and Galphai2 sets the threshold for chemotaxis and TCR activation. BMC Immunol 2009-05-08 [PMID: 19426503]



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### **Products Related to NBP1-72047**

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
NBP2-51808-0.1mg	Recombinant Human GNAQ His 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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