

# Product Datasheet

## G protein alpha Inhibitor 2 Antibody NBP2-44318

Unit Size: 0.1 mg

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

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### Publications: 1

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**NBP2-44318**

## G protein alpha Inhibitor 2 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	
Host	Goat
Gene ID	2771
Gene Symbol	GNAI2
Species	Human
Specificity/Sensitivity	Expected to recognize both reported isoforms (NP_002061.1; NP_001159897.1).
Immunogen	Peptide with sequence C-PEYTGANKYDE, from the internal region of the protein sequence (aa289-299) according to NP_002061.1; NP_001159897.1.

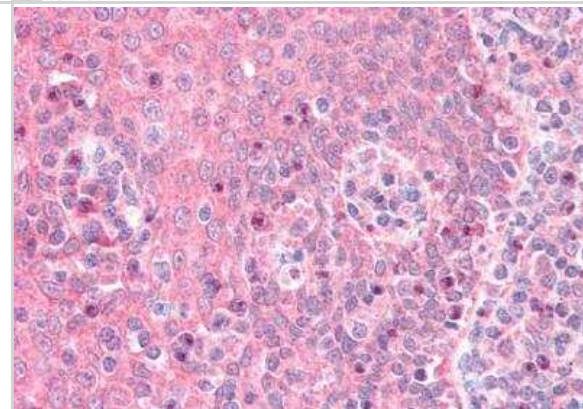
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:8000
Application Notes	Western blot: Approx 38 kDa band observed in Human Peripheral Blood Mononucleocytes lysates (calculated MW of 40.5 kDa according to NP_002061.1).

## Images

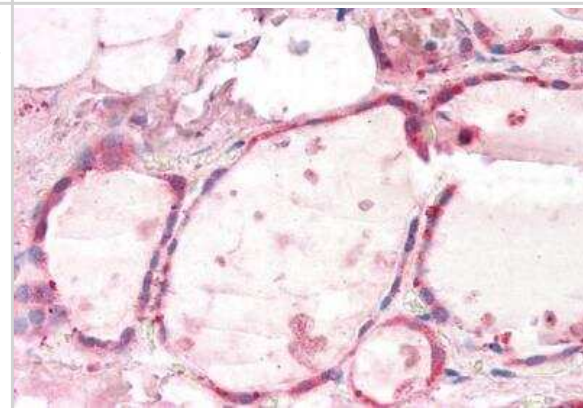
Western Blot: G protein alpha Inhibitor 2 Antibody [NBP2-44318] - Analysis of human peripheral blood lymphocytes lysate (35 ug protein in RIPA buffer). Antibody at 2 ug/mL. Detected by chemiluminescence.

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

Immunohistochemistry-Paraffin: G protein alpha Inhibitor 2 Antibody [NBP2-44318] - Staining of paraffin embedded Human Tonsil. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: G protein alpha Inhibitor 2 Antibody [NBP2-44318] - Staining of paraffin embedded Human Thyroid. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Kremer KN, Kumar A, Hedin KE. G alpha i2 and ZAP-70 mediate RasGRP1 membrane localization and activation of SDF-1-induced T cell functions. *J Immunol* 2011-09-15 [PMID: 21856938]



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### **Products Related to NBP2-44318**

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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
NBP2-23094	Recombinant Human G protein alpha Inhibitor 2 His Protein

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### **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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