

Product Datasheet

RHCG Antibody NBP1-52089

Unit Size: 0.1 mg

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

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NBP1-52089**RHCG 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 RHCG Antibody (NBP1-52089) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-RHCG Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	51458
Gene Symbol	RHCG
Species	Human
Reactivity Notes	Expected from sequence similarity: Canine, Porcine
Immunogen	Peptide with sequence C-ERQNSVYQSD corresponding to internal region according to NP_057405.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1-3ug/ml, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:16000
Application Notes	Western blot: Approx 60kDa band observed in Human Testis lysates (calculated MW of 53.2kDa according to NP_057405.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Liu et al, J Biol Chem. 2000 Aug 18;275(33):25641-51;PMID: 10852913). Primary incubation was 1 hour IHC: Paraffin embedded Human Tonsil and Kidney.

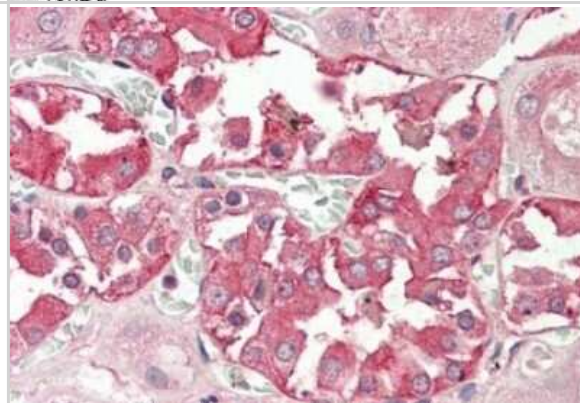


Images

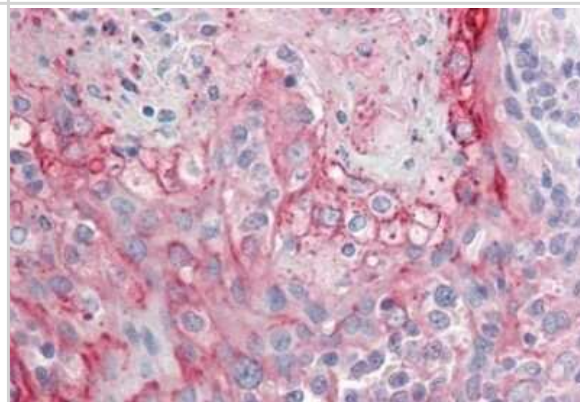
Western Blot: RHCG Antibody [NBP1-52089] - Analysis of RHCG Human Testis lysate (35ug protein in RIPA buffer) using NBP1-52089 at 1ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

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

Immunohistochemistry-Paraffin: RHCG Antibody [NBP1-52089] - 5ug/ml staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: RHCG Antibody [NBP1-52089] - 5ug/ml staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Cotellessa JF Urinary RNA Biomarkers Prognostic for Renal Cell Carcinoma Metastasis Thesis 2021-01-01 (WB)

Han KH, Mekala K, Babida V et al. Expression of the gas-transporting proteins, Rh B glycoprotein and Rh C glycoprotein, in the murine lung. Am J Physiol Cell Physiol 2009-07-01 [PMID: 19429772]

Liu Z, Chen Y, Mo R et al. Characterization of human RhCG and mouse Rhcg as novel nonerythroid Rh glycoprotein homologues predominantly expressed in kidney and testis. J Biol Chem 2000-08-01 [PMID: 10852913]



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Products Related to NBP1-52089

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
NBP2-30905PEP	RHCG Recombinant Protein Antigen

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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