

Product Datasheet

G3BP2 Antibody - BSA Free

NBP1-82977

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-82977

G3BP2 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

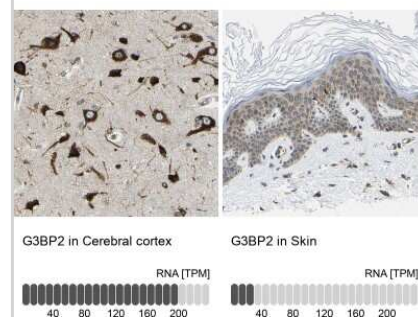
Host	Rabbit
Gene ID	9908
Gene Symbol	G3BP2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HNDMFRYEDEVFGDSEPELDEESEDEVEEEEQEERQPSPEPVQENANSGYEEA HPVTNGIEEPLEESSHEPEPEPESETKTEELKPQVE

Product Application Details

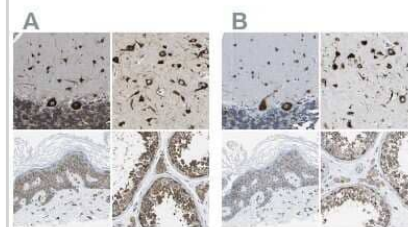
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

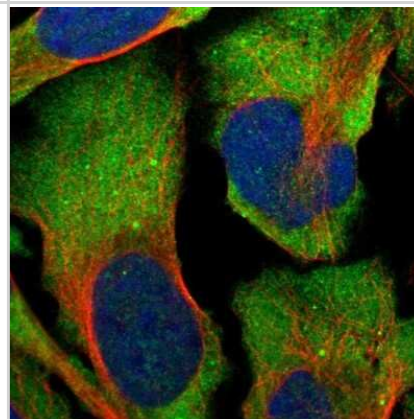
Immunohistochemistry-Paraffin: G3BP2 Antibody [NBP1-82977] - Analysis in human cerebral cortex and skin tissues using NBP1-82977 antibody. Corresponding G3BP2 RNA-seq data are presented for the same tissues.



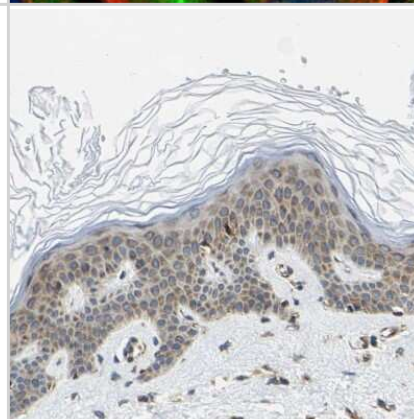
Immunohistochemistry-Paraffin: G3BP2 Antibody [NBP1-82977] - Staining of human cerebellum, cerebral cortex, skin and testis using Anti-G3BP2 antibody NBP1-82977 (A) shows similar protein distribution across tissues to independent antibody NBP1-82976 (B).



Immunocytochemistry/Immunofluorescence: G3BP2 Antibody [NBP1-82977] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol.



Immunohistochemistry-Paraffin: G3BP2 Antibody [NBP1-82977] - Staining of human skin shows low expression as expected.



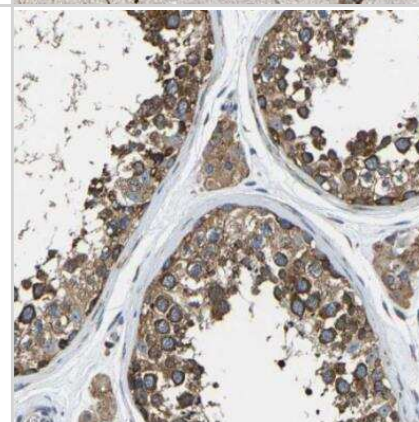
Immunohistochemistry-Paraffin: G3BP2 Antibody [NBP1-82977] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells and cells in molecular layer.



Immunohistochemistry-Paraffin: G3BP2 Antibody [NBP1-82977] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuronal cells.



Immunohistochemistry-Paraffin: G3BP2 Antibody [NBP1-82977] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts in Leydig cells.



Publications

Wang A, Abulaiti X, Zhang H et al. Cancer Cells Evade Stress-Induced Apoptosis by Promoting HSP70-Dependent Clearance of Stress Granules Cancers (Basel) 2022-09-25 [PMID: 36230594]

Katz E, Sims AH, Sproul D et al. Targeting of Rac GTPases blocks the spread of intact human breast cancer. Oncotarget 2012-06-01 [PMID: 22689141] (IF/IHC, Human)

Bolander A, Agnarsdottir M, Stromberg S et al. The protein expression of TRP-1 and galectin-1 in cutaneous malignant melanomas. Cancer Genomics Proteomics 2008-11-01 [PMID: 19287070]



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Products Related to NBP1-82977

NBP1-82977PEP	G3BP2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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