

Product Datasheet

BACH1 Antibody - BSA Free

NBP2-55113

Unit Size: 100 ul

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

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NBP2-55113

BACH1 Antibody - BSA Free

Product Information

Unit Size	100 ul
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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

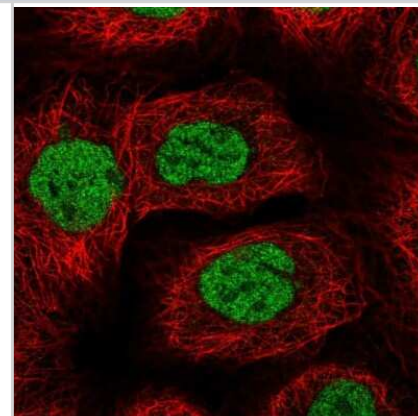
Description	Novus Biologicals Rabbit BACH1 Antibody - BSA Free (NBP2-55113) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	571
Gene Symbol	BACH1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: LGRISESPEPGQRTFTTLSSVNC PFISTLSTEGCSSNLEIGNDDYVSEPQQEPC PYACVISLGDDSETDTEGDSESCSAREQECEVKLPFNAQRIIS

Product Application Details

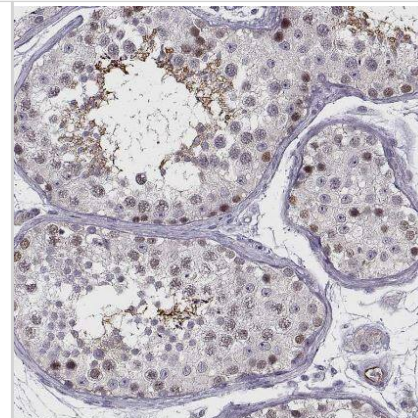
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. IHC Retrieval method: HIER pH6.

Images

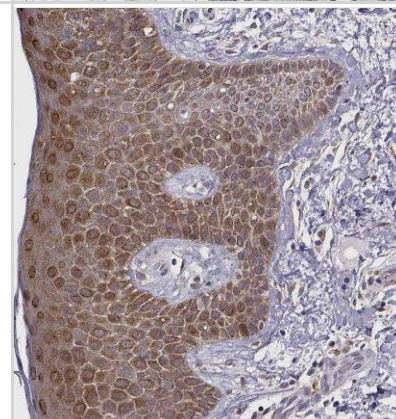
Immunocytochemistry/Immunofluorescence: BACH1 Antibody [NBP2-55113] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green.



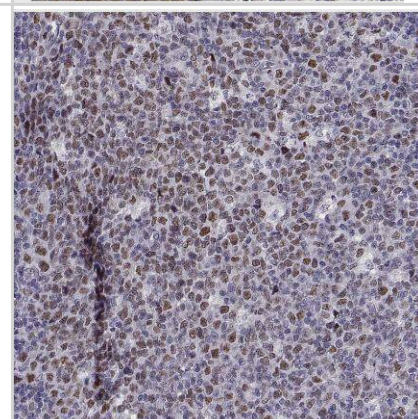
Immunohistochemistry-Paraffin: BACH1 Antibody [NBP2-55113] - Staining of human testis shows moderate nuclear and cytoplasmic positivity in cells in seminiferous ducts.



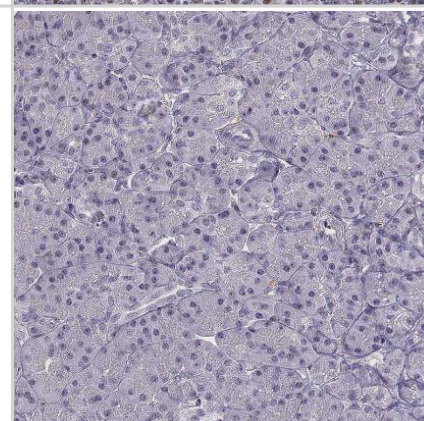
Immunohistochemistry-Paraffin: BACH1 Antibody [NBP2-55113] - Staining of human skin shows strong cytoplasmic positivity in squamous epithelial cells.



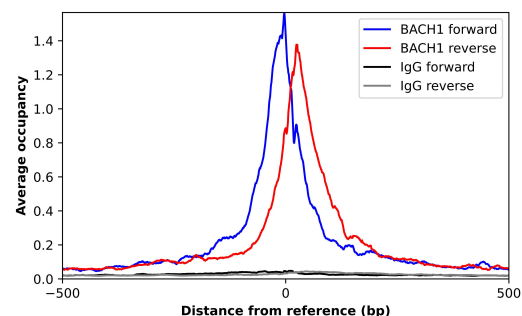
Immunohistochemistry-Paraffin: BACH1 Antibody [NBP2-55113] - Staining of human tonsil shows moderate nuclear positivity in germinal center cells.



Immunohistochemistry-Paraffin: BACH1 Antibody [NBP2-55113] - Staining of human pancreas shows no positivity in exocrine glandular cells.



ChIP-Exo-Seq composite graph for Anti-BACH1 (NBP2-55113) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Publications

Seasock, MJ;Shafiquzzaman, M;Ruiz-Echartea, ME;Kanchi, RS;Tran, BT;Simon, LM;Meyer, MD;Erice, PA;Lotlikar, SL;Wenlock, SC;Ochsner, SA;Enright, A;Carisey, AF;Romero, F;Rosas, IO;King, KY;McKenna, NJ;Coarfa, C;Rodriguez, A; Let-7 restrains an epigenetic circuit in AT2 cells to prevent fibrogenic intermediates in pulmonary fibrosis Nature communications 2025-05-10 [PMID: 40348760]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-55113

NBP2-55113PEP	BACH1 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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