

Product Datasheet

Bax Antibody - BSA Free NBP1-88682

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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NBP1-88682

Bax Antibody - BSA Free

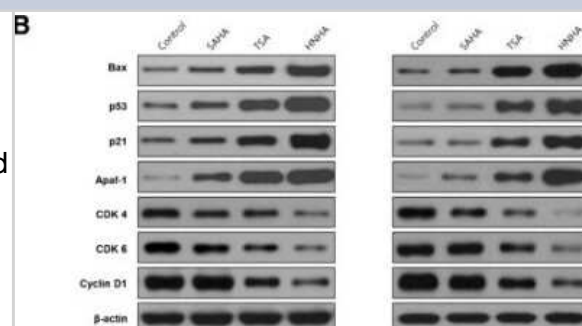
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	581
Gene Symbol	BAX
Species	Human
Reactivity Notes	Rat (88%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GPTSSEQIMKTGALLLQGFIQDRAGRMGGEAPELALDPVPQDASTKKLSECLK RIGDELDSNMELQRMIAAVDTDSPREVFFRVAADMFSNGNFW

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
Application Notes	WB reported in scientific literature (PMID: 25613585). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

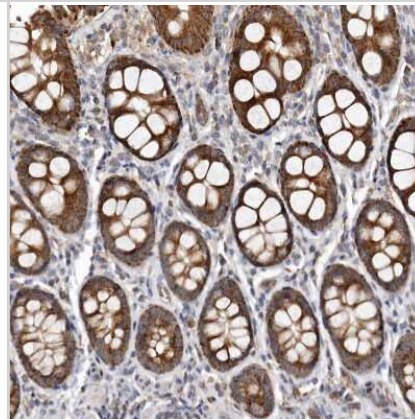
Western Blot: Bax Antibody [NBP1-88682] - HNHA induced G0/G1 phase arrest and apoptosis in RCC cells. Western blotting showed that HNHA potently induced the expression of cell cycle arrest proteins (p53 and p21), reduced positive regulators of cell cycle progression (CDK4/6 and cyclin D1) and resulted in increased levels of anti-apoptotic (Bax and Apaf-1) proteins in RCC cells. Image collected and cropped by CiteAb from the following publication (<https://bmccancer.biomedcentral.com/articles/10.1186/s12885-014-1003-1>), licensed under a CC-BY license.



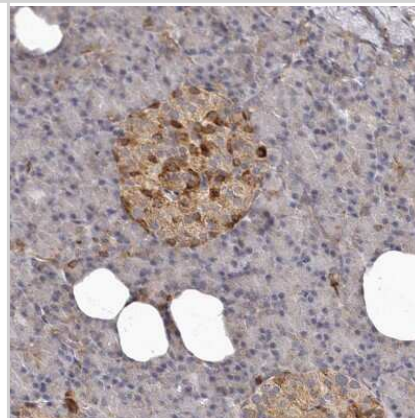
Immunohistochemistry-Paraffin: Bax Antibody [NBP1-88682] - Staining of human spleen shows moderate to strong cytoplasmic positivity.



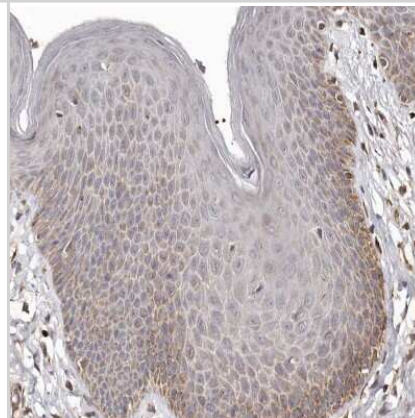
Immunohistochemistry-Paraffin: Bax Antibody [NBP1-88682] - Staining of human colon shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Bax Antibody [NBP1-88682] - Staining of human pancreas shows moderate cytoplasmic positivity in islets of Langerhans.



Immunohistochemistry-Paraffin: Bax Antibody [NBP1-88682] - Staining of human skin shows moderate cytoplasmic positivity in epidermal cells.



Publications

Marwarha G, Rosand O, Slagsvold KH, Hoydal MA GSK3 beta Inhibition Is the Molecular Pivot That Underlies the Mir-210-Induced Attenuation of Intrinsic Apoptosis Cascade during Hypoxia International journal of molecular sciences 2022-08-19 [PMID: 36012628] (S-ELISA, Human)

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

Details:

Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).

Ran LK, Chen Y, Zhang ZZ et al. SIRT6 Overexpression Potentiates Apoptosis Evasion in Hepatocellular Carcinoma via BCL2-Associated X Protein-Dependent Apoptotic Pathway. Clin Cancer Res 2016-07-01 [PMID: 26861461]

Park K, Heo J, Jeon J et al. The novel histone deacetylase inhibitor, N-hydroxy-7-(2-naphthylthio) heptonamide, exhibits potent antitumor activity due to cytochrome- c -release-mediated apoptosis in renal cell carcinoma cells. BMC Cancer. 2015-01-23 [PMID: 25613585] (WB, Human)





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Products Related to NBP1-88682

NBP1-88682PEP	Bax 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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