

Product Datasheet

Bax Antibody NB100-56095

Unit Size: 0.05 ml

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

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NB100-56095

Bax Antibody

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

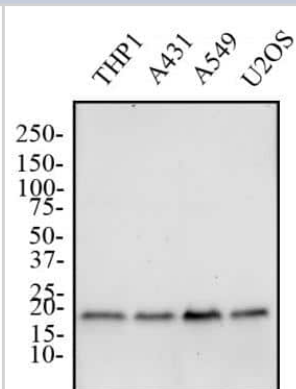
Product Description	
Host	Rabbit
Gene ID	581
Gene Symbol	BAX
Species	Human
Immunogen	A synthetic peptide corresponding to amino acids 43-61 (PELALDPVPQDASTKKLSE) of human Bax alpha was used as immunogen, GenBank no. NP_620116.1. The immunogen sequence is 100% conserved in human Bax isoforms alpha (192 amino acids), beta (218 amino acids), epsilon (164 amino acids), sigma (179 amino acids), and psi (173 amino acids).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin 1:1000-1:5000
Application Notes	Users should optimize according to model and immunodetection system used (secondary reagents)

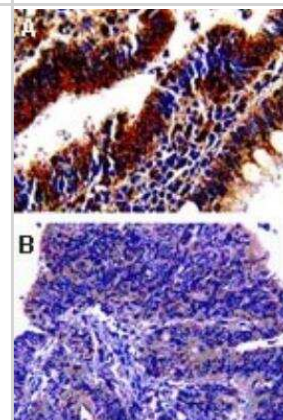


Images

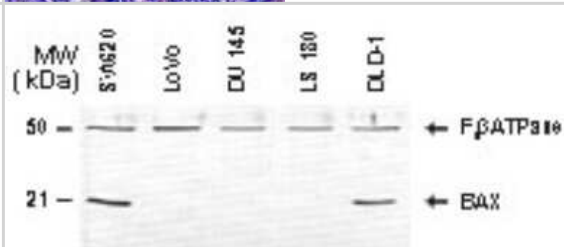
Western Blot: Bax Antibody [NB100-56095] - Total protein from human THP1, A431, A549 and U2OS cells was separated on a 4-15% gel by SDS-PAGE, transferred to 0.2 um PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with a 1:2000 dilution of anti-BAX in 1% non-fat milk in TBST and detected with an anti-rabbit HRP secondary antibody using chemiluminescence



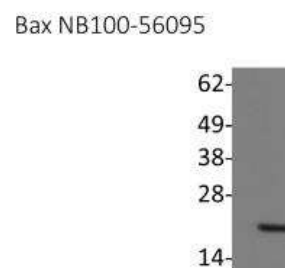
Immunohistochemistry-Paraffin: Bax Antibody [NB100-56095] - Formalin-fixed, paraffin-embedded sections of human colon cancer from a tissue microarray stained for BAX using NB100-56095 at 1:2000. A. High Bax expression. B. Low Bax expression. Hematoxylin-eosin counterstain



Western Blot: Bax Antibody [NB100-56095] - Analysis of BAX in colon tumor cell lines using this antibody. Bax is detected in the SW620 and DLD-1 cell lines. However, Bax was not detected in the cell lines (LoVo, DU145, and LS180) known to have frameshift mutations in Bax (Rampino et al. 1997). An antibody to F1ATPase was used as a protein loading control.



Western Blot: Bax Antibody [NB100-56095] - Analysis of Bax in Daoy whole cell lysate using anti-Bax antibody. Image from verified customer review.



Publications

Cho M, Jin J, Jo Y et al. Frankincense ameliorates endometriosis via inducing apoptosis and reducing adhesion Integrative Medicine Research 2023-06-01 [PMID: 37168676] (Western Blot, Human)

Yang F, Chen W, Jiang S et al. A candidate protective factor in amyotrophic lateral sclerosis: heterogenous nuclear ribonucleoprotein G Neural Regeneration Research 2022-11-18 [PMID: 36571358] (WB, Mouse)

Details:

Dilution used 1:1000, find under Imgenex catalog number IMG-5682

Saleh T, El-Sadoni M, Alhesa A Et al. Expression of Senescence and Apoptosis Biomarkers in Synchronous Bilateral Breast Cancer: A Case Report Current oncology (Toronto, Ont.) 2021-09-30 [PMID: 34677245] (IF/IHC, Human)

Moon S, Choi H, Chung T et al. Sorbus commixta water extract induces apoptotic cell death via a ROS-dependent pathway Oncol Lett 2018-07-25 [PMID: 30197667] (WB, Human)

Kumar A, Kant S, Singh SM. Targeting monocarboxylate transporter by alpha-cyano-4-hydroxycinnamate modulates apoptosis and cisplatin resistance of Colo205 cells: implication of altered cell survival regulation. Apoptosis 2013-12-01 [PMID: 23955790] (WB, Human)

Ohta K, Iwai K, Kasahara Y et al. Immunoblot analysis of cellular expression of Bcl-2 family proteins, Bcl-2, Bax, Bcl-X and Mcl-1, in human peripheral blood and lymphoid tissues. Int Immunol. 1995-11-01 [PMID: 8580080] (WB, Human)

Details:

WB: Bcl-2 (IMG-5685), Mcl-1 (IMG-5733), Bax (IMG-5682), Bcl-X (IMG-80459). 1. WB: Human PBMC, neutrophils, tonsil, spleen, thymus, Fig 1A.





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Products Related to NB100-56095

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000581-P01-10ug	Recombinant Human Bax GST (N-Term) Protein

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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