

Product Datasheet

Bax Antibody NBP2-67285

Unit Size: 100 ul

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

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NBP2-67285

Bax Antibody

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
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	Immunogen affinity purified
Buffer	PBS (pH7.4), 0.2% BSA, 40% Glycerol
Target Molecular Weight	21 kDa

Product Description

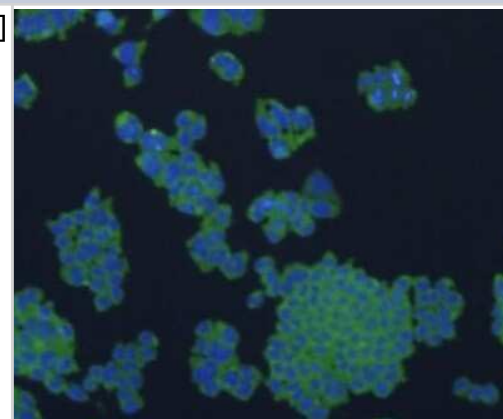
Description	Novus Biologicals Rabbit Bax Antibody (NBP2-67285) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Bax Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	581
Gene Symbol	BAX
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Bax aa 1-50 / 192. (SwissProt: Q07812 Human; SwissProt: Q07813 Mouse; SwissProt: Q63690 Rat)

Product Application Details

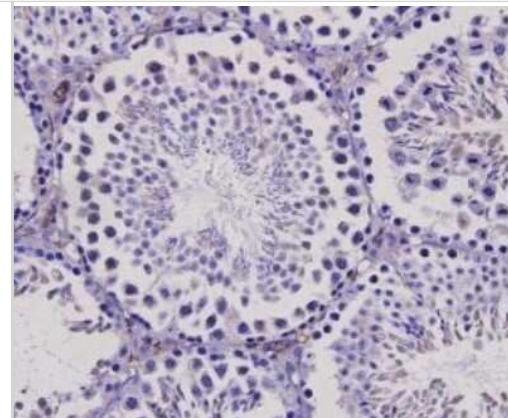
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5,000-1:20,000, Immunohistochemistry 1:1,000, Immunocytochemistry/ Immunofluorescence 1:200, Immunohistochemistry-Paraffin 1:1,000

Images

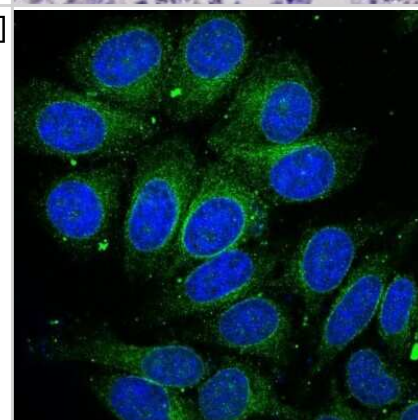
Immunocytochemistry/Immunofluorescence: Bax Antibody [NBP2-67285]
 - Staining Bax in F9 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



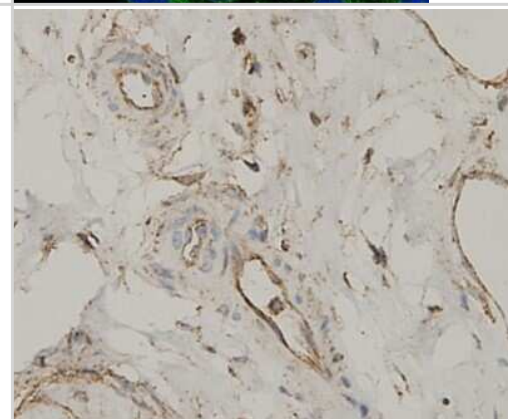
Immunohistochemistry-Paraffin: Bax Antibody [NBP2-67285] - Analysis of paraffin-embedded mouse testis tissue using anti-Bax antibody. Counter stained with hematoxylin.



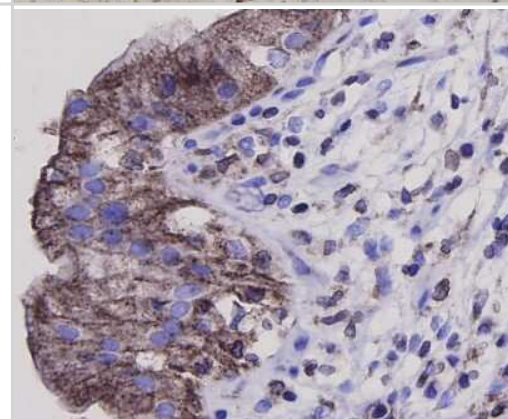
Immunocytochemistry/Immunofluorescence: Bax Antibody [NBP2-67285] - Staining Bax in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



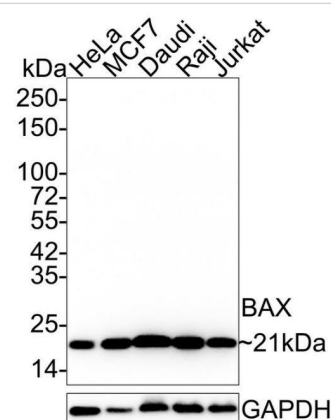
Immunohistochemistry-Paraffin: Bax Antibody [NBP2-67285] - Analysis of paraffin-embedded human cervical tissue using anti-Bax antibody. Counter stained with hematoxylin.



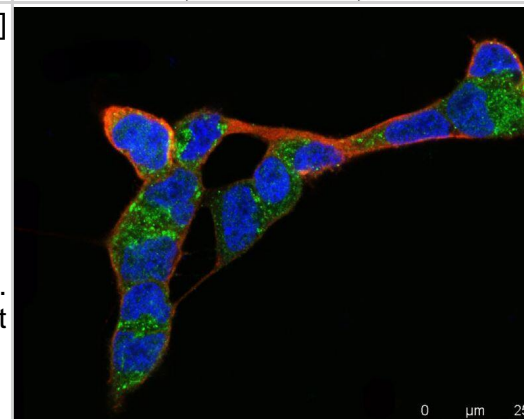
Immunohistochemistry-Paraffin: Bax Antibody [NBP2-67285] - Analysis of paraffin-embedded human gall bladder tissue using anti-Bax antibody. Counter stained with hematoxylin.



Western Blot: Bax Antibody [NBP2-67285] - Analysis of BAX on different lysates with Rabbit anti-BAX antibody at 1/5,000 dilution and competitor's antibody at 1/1,000 dilution. Lane 1: HeLa cell lysate Lane 2: MCF7 cell lysate Lane 3: HEK-293 cell lysate Lysates/proteins at 15 ug/Lane. Predicted band size: 21 kDa Observed band size: 21 kDa Exposure time: 1 minute 34 seconds; ECL: K1801; 4-20% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/5,000 dilution and competitor's antibody at 1/1,000 dilution were used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



Immunocytochemistry/Immunofluorescence: Bax Antibody [NBP2-67285] - Analysis of SHSY5Y cells labeling BAX with Rabbit anti-BAX antibody at 1/200 dilution. Cells were fixed in 4% paraformaldehyde for 10 minutes at 37°C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-BAX antibody at 1/200 dilution in 2% negative goat serum overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor™ 488,) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI. Beta-tubulin (red) was stained at 1/200 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 647, were used as the secondary antibody at 1/1,000 dilution.



Publications

ONDER G, GOKTEPE O, BARAN M et al. Therapeutic potential of hesperidin: Apoptosis induction in breast cancer cell lines Research Square 2023-01-25 [PMID: 37080525]

Yang HL, Lin YA, Pandey S et al. In vitro and in vivo anti-tumor activity of Antrodia salmonea against twist-overexpressing HNSCC cells: Induction of ROS-mediated autophagic and apoptotic cell death Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association 2022-12-20 [PMID: 36563924]

Alruhaimi RS Betulinic acid protects against cardiotoxicity of the organophosphorus pesticide chlorpyrifos by suppressing oxidative stress, inflammation, and apoptosis in rats Environmental science and pollution research international 2023-02-20 [PMID: 36808036]

Alyami NM, Almeer R, Alyami HM Protective effects of Asparagus officinalis (asparagus) against lead toxicity in mice Environmental science and pollution research international 2022-10-11 [PMID: 36219290]

Onder GO, Sezer G, Ozdamar S, Yay A Melatonin has an inhibitory effect on MCF-7 and MDA-MB-231 human breast cancer cell lines by inducing autophagy and apoptosis Fundamental & clinical pharmacology 2022-07-02 [PMID: 35778975]



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Products Related to NBP2-67285

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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