

Product Datasheet

Bax Antibody NB100-56096

Unit Size: 0.05 ml

Store at -20C. Avoid freeze-thaw cycles.

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NB100-56096

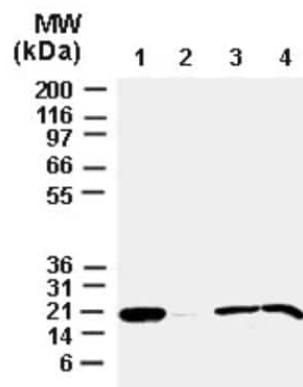
Bax Antibody

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	21 kDa
Product Description	
Host	Rabbit
Gene ID	581
Gene Symbol	BAX
Species	Human, Mouse, Rat, Canine, Gerbil
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 27494235).
Immunogen	A synthetic peptide corresponding to amino acids 43-60 (PELTLEQPPQDASTKKLS) of mouse Bax alpha was used as immunogen, GenBank no. NP_031553.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000, Immunohistochemistry-Frozen

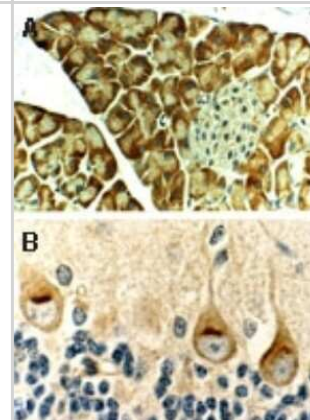


Images

Western Blot: Bax Antibody [NB100-56096] - Analysis of Bax in mouse using this antibody. 1. In vitro translated mouse Bax. 2. Normal cortex. 3. Ischemic hippocampus. 4. Ischemic hippocampus. Ischemic samples were prepared 6 hr post middle cerebral artery occlusion. The results show the Bax expression increased following ischemia.



Immunohistochemistry-Paraffin: Bax Antibody [NB100-56096] - Mouse tissue sections stained for Bax using NB100-56096 at 1:2000. A. Pancreas. B. Brain showing expression of Bax in the Purkinje cells.



Publications

Adewale Adetutu, Abiodun Bukunmi Aborisade, Faith Ayotunde Ogunsina, Peter Ifeoluwa Adegbola, Temitope Deborah Olaniyi Ginger mitigated the health risks associated with arsenic-contamination of rats feed via inflammatory and apoptosis regulation. *Ecotoxicology and environmental safety* 2023-12-07 [PMID: 38064790]

Eskiler GG, Turna O, Ozkan AD et al. The response of the canine mammary simple carcinoma and carcinosarcoma cells to 5-aminolaevulinic acid-based photodynamic therapy: An in vitro study *Journal of photochemistry and photobiology. B, Biology* 2022-07-05 [PMID: 35810598] (WB, Canine)

Zhang H, Li L, Li H et al. Corn embryo ameliorates cognitive dysfunction and anxiety-like behaviors in D-galactose-induced aging rats via attenuating oxidative stress, apoptosis and up-regulating neurotrophic factors *Journal of chemical neuroanatomy* 2022-03-10 [PMID: 35283255] (IF/IHC, Rat)

Lai X, Xia W, Wei J, Ding X. Therapeutic Effect of Astragalus Polysaccharides on Hepatocellular Carcinoma H22-Bearing Mice. Dose-Response. 2017-01-07 [PMID: 28210201] (IHC-P, Mouse)

Huang X, Huang R, Gou S et al. Combretastatin A-4 Analogue: A Dual-Targeting and Tubulin Inhibitor Containing Antitumor Pt(IV) Moiety with a Unique Mode of Action *Bioconjug. Chem.* 2016-08-15 [PMID: 27494235] (WB, Human)

Krajewska M, Rosenthal RE, Mikolajczyk J et al. Early processing of Bid and caspase-6, -8, -10, -14 in the canine brain during cardiac arrest and resuscitation. *Exp Neurol.* 2004-10-01 [PMID: 15380478] (IHC-P, WB, Mouse, Rat, Canine)

Details:

Antibodies cited: 1. Caspase-9 (Active/Cleaved), IMG-5705: WB: Fig 1A (recombinant human caspase-9), Fig 4A (recombinant human caspase-9, rat brain), Fig 4B-F (isolated mitochondria from rat liver or heart). Fig 5 (PC12 cells) IHC (P): Fig 2d-k (rat kidney)



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Products Related to NB100-56096

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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