

# Product Datasheet

## Bax Antibody (6A7) - Azide and BSA Free NBP1-28566

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**Reviews: 3 Publications: 21**

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Updated 9/9/2025 v.20.1

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**NBP1-28566**

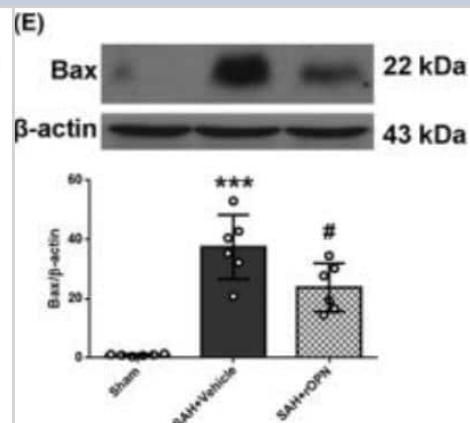
Bax Antibody (6A7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	6A7
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	Borate buffered saline, pH 8.2
Product Description	
Description	Novus Biologicals Mouse Bax Antibody (6A7) - Azide and BSA Free (NBP1-28566) is a monoclonal antibody validated for use in IHC and WB. Anti-Bax Antibody: Cited in 21 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	581
Gene Symbol	BAX
Species	Human, Mouse, Rat, Porcine, Bovine, Monkey
Reactivity Notes	Use in Porcine reported in scientific literature (PMID:34243771) Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Specificity/Sensitivity	The monoclonal antibody 6A7 reacts with human, mouse and rat Bax but does not bind the soluble cytosolic form of Bax; however, treatment of cells with non-ionic detergents exposes the epitope and allows binding of 6A7 to monomeric forms of Bax but not Bax complexed with either Bcl-2 or Bcl-xL.
Immunogen	KLH-conjugated peptide corresponding to amino acids 12-24 located near the N-terminus common to human, mouse and rat Bax.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Functional, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot &lt; = 1 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1:10-1:500, Functional
Application Notes	Use in IHC-P reported in scientific literature (PMID:33143886) Use in functional reported in scientific literature (PMID:31410057). Bax antibody validated for IHC-F, WB from a verified customer reviews.

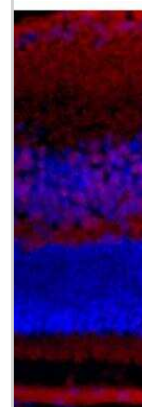


## Images

Western Blot: Bax Antibody (6A7) [NBP1-28566] - rOPN administration elevated the expression of autophagy-related proteins while suppressing apoptosis in rat brain at 24 h after SAH. The effects of rOPN on expression levels of Bax, mean  $\pm$  SD is 1.006  $\pm$  0.321 in Sham group, 37.47  $\pm$  10.86 in SAH + Vehicle group, 23.83  $\pm$  8.143 in SAH + rOPN group,  $F = 33.13$ , in the left hemisphere of rat brain at 24 h after SAH. Sample size is 18,  $n = 6$  per group. Data were presented as mean  $\pm$  SD. \* $P < .05$ , \*\*\* $P < .001$  vs Sham group; # $P < .05$ , ## $P < .01$  vs SAH + Vehicle group. Image collected and cropped by CiteAb from the following publication (<https://onlinelibrary.wiley.com/doi/abs/10.1111/cns.13199>) licensed under a CC-BY license.



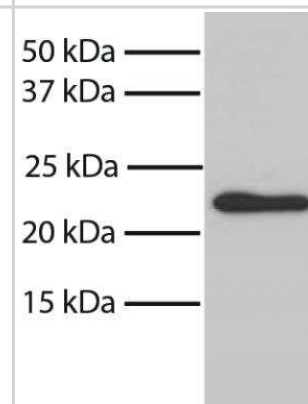
Immunohistochemistry-Frozen: Bax Antibody (6A7) [NBP1-28566] - Mouse retina with no pretreatment. IHC-F image submitted by a verified customer review



Western Blot: Bax Antibody (6A7) [NBP1-28566] - Analysis of lysates from human metastatic pancreatic cancer cell line L3.6pl using Bax Antibody (clone 6A7; Lot # B168-P780E). This image was submitted via reviews by a verified end user.



Western Blot: Bax Antibody (6A7) [NBP1-28566] - Total cell lysates from NIH/3T3 cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Bax UNLB.



## Publications

Zhao L, Zhang JH, Sherchan P et al. Administration of rCTRP9 Attenuates Neuronal Apoptosis Through AdipoR1/PI3K/Akt Signaling Pathway after ICH in Mice. *Cell Transplant* 2019-01-14 [PMID: 30642187] (Western Blot)

Yang G, Xiang J, Yang X et al. Nuclear translocation of SIRT4 mediates deacetylation of U2AF2 to modulate renal fibrosis through alternative splicing-mediated upregulation of CCN2 *eLife* 2024-11-04 [PMID: 39495216]

Victorelli S, Salmonowicz H, Chapman J et al. Apoptotic stress causes mtDNA release during senescence and drives the SASP *Nature* 2023-10-01 [PMID: 37821702] (Co-IP, Mouse)

Ghosh S, Singh R, Vanwinkle ZM et al. Microbial metabolite restricts 5-fluorouracil-resistant colonic tumor progression by sensitizing drug transporters via regulation of FOXO3-FOXM1 axis *Theranostics* 2022-07-18 [PMID: 35910798] (WB, Human)

Details:

Dilutions: 1:500

Simbulan-Rosenthal CM, Haribabu Y, Vakili S et al. Employing CRISPR-Cas9 to Generate CD133 Synthetic Lethal Melanoma Stem Cells *International journal of molecular sciences* 2022-02-20 [PMID: 35216449] (WB, Human)

Mehanna ET, Khalaf SS, Mesbah NM Et al. Anti-oxidant, anti-apoptotic, and mitochondrial regulatory effects of selenium nanoparticles against vancomycin induced nephrotoxicity in experimental rats *Life sciences* 2021-10-26 [PMID: 34715137] (WB, Rat)

Hale BJ, Li Y, Adur MK et al. Characterization of the effects of heat stress on autophagy induction in the pig oocyte *Reproductive biology and endocrinology : RB&E* 2021-07-09 [PMID: 34243771] (IF/IHC)

Song B, Wei D, Yin G et al. Critical role of SIRT1 upregulation on the protective effect of lncRNA ANRIL against hypoxia/reoxygenation injury in H9c2 cardiomyocytes *Molecular medicine reports* 2021-08-01 [PMID: 34080028] (WB, Rat)

Gul HF, Ilhan N, Ilhan N et al. The Combined Effect of Pomegranate Extract and Tangeretin on the DMBA-induced Breast Cancer Model *The Journal of nutritional biochemistry* 2020-12-13 [PMID: 33326843] (WB, Rat)

Arman T, Lynch KD, Goedken M, Clarke JD Sub-chronic microcystin-LR renal toxicity in rats fed a high fat/high cholesterol diet *Chemosphere* 2020-10-27 [PMID: 33143886] (IHC-P, Rat)

Sun F, Du J, Li H et al. FABP4 inhibitor BMS309403 protects against hypoxia-induced H9c2 cardiomyocyte apoptosis through attenuating endoplasmic reticulum stress *J. Cell. Mol. Med.* 2020-09-07 [PMID: 32896039] (WB, Rat)

Tang H, Gamdzyk M, Huang L et al. Delayed recanalization after MCAO ameliorates ischemic stroke by inhibiting apoptosis via HGF/c-Met/STAT3/Bcl-2 pathway in rats *Exp. Neurol.* 2020-05-16 [PMID: 32428505] (WB, Rat)

More publications at <http://www.novusbio.com/NBP1-28566>





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### **Products Related to NBP1-28566**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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### **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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