

# Product Datasheet

## Bcl-2 Antibody - BSA Free NB100-56101

Unit Size: 0.05 ml

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

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**NB100-56101**


Bcl-2 Antibody - BSA Free

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

Product Description	
Description	Novus Biologicals Rabbit Bcl-2 Antibody - BSA Free (NB100-56101) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-Bcl-2 Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	596
Gene Symbol	BCL2
Species	Human, Mouse, Rat, Canine, Gerbil
Immunogen	A synthetic peptide corresponding to amino acids 67-86 (ARTSPLRPLVATAGPALSPV) of mouse and rat Bcl-2 was used as immunogen; GenBank no gb/AAP47159.1. This sequence is 100% conserved in mouse and rat Bcl-2 alpha (236 amino acids) and beta (100 amino acids) isoforms.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000, Immunohistochemistry-Frozen 1:10-1:500

**Images**

Western Blot: Bcl-2 Antibody [NB100-56101] - Analysis of Bcl-2 in 293T cell lysate (30ug) using anti-Bcl-2 antibody. Image from verified customer review. 

## Publications

Zhou Q, Jin H, Shi N et al. Inhibit inflammation and apoptosis of pyrroloquinoline on spinal cord injury in rat *Annals of Translational Medicine* 2021-09-01 [PMID: 34733912] (Western Blot, Immunohistochemistry-Paraffin, Canine, Mouse, Rat)

Gao S, Zhou Q, Jin H et al. Effect of pyrroloquinoline quinone on lipopolysaccharide-induced autophagy in HAPI microglia cells *Annals of Translational Medicine* 2021-09-01 [PMID: 34733929] (Western Blot, Immunohistochemistry-Paraffin, Canine, Mouse, Rat)

Wu Z, Hu J, Li Y et al. Assessment of renal pathophysiological processes and protective effect of quercetin on contrast-induced acute kidney injury in type 1 diabetic mice using diffusion tensor imaging *Redox Report : Communications in Free Radical Research* 2024-09-16 [PMID: 39284588]

Shoma Ishikawa, Fuyuki Ishikawa Proteostasis failure and cellular senescence in long-term cultured postmitotic rat neurons *Aging Cell* 2019-11-25 [PMID: 31762159]

Debarpan Mitra, Depanwita Saha, Gaurav Das, Rimi Mukherjee, Samir Banerjee, Neyaz Alam, Saunak Mitra Mustafi, Partha Nath, Anuj Majumder, Biswanath Majumder, Nabendu Murmu Lupeol synergizes with 5-fluorouracil to combat c-MET/EphA2 mediated chemoresistance in triple negative breast cancer *iScience* 2023-11-04 [PMID: 38047085]

Polat ME, Sar? E, Tanriverdi LH et al. A potential hepatoprotective effect of ranolazine against methotrexate-induced liver injury in rats *Authorea* 2023-01-01 (IHC, Rat)

Arman T, Baron J, Lynch K Et al. MCLR-elicited hepatic fibrosis and carcinogenic gene expression changes persist in rats with diet-induced nonalcoholic steatohepatitis through a 4-week recovery period *Toxicology* 2021-11-01 [PMID: 34740672] (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)

Sulaiman D, Li J, Devarajan A et al. Paraoxonase 2 protects against acute myocardial ischemia-reperfusion injury by modulating mitochondrial function and oxidative stress via the PI3K/Akt/GSK-3b RISK pathway *J. Mol. Cell. Cardiol.* 2019-02-23 [PMID: 30802459] (IHC-P, Mouse)

Samdanci ET, Huz M, Ozhan O et al. Cytoprotective effects of molsidomine against methotrexate-induced hepatotoxicity: an experimental rat study *Drug Des Devel Ther* 2019-12-20 [PMID: 30587924] (IF/IHC, Rat)

Rajamani U, Essop MF. Hyperglycemia-mediated activation of the hexosamine biosynthetic pathway results in myocardial apoptosis. *Am J Physiol Cell Physiol.* 2010-07-01 [PMID: 20410435]

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, Canine, Rat)

### 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 NB100-56101**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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