Product Datasheet

PUMA Antibody - BSA Free
NB100-56370

Unit Size: 0.1 mg

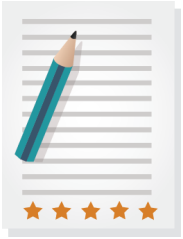
Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-56370

Updated 9/9/2025 v.20.1



NB100-56370

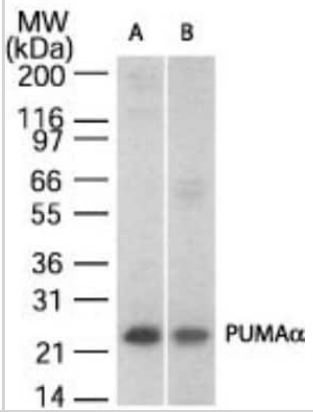
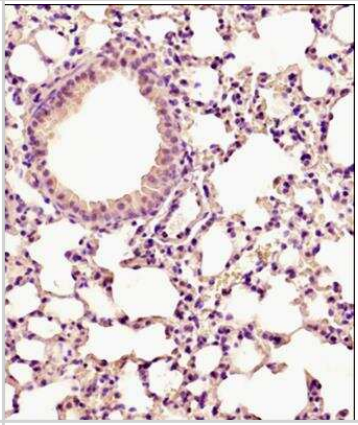
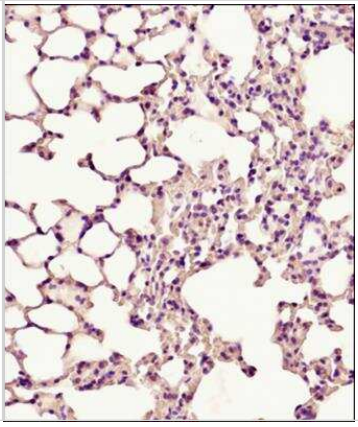
PUMA Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 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	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit PUMA Antibody - BSA Free (NB100-56370) is a polyclonal antibody validated for use in IHC and WB. Anti-PUMA Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	27113
Gene Symbol	BBC3
Species	Human, Mouse
Reactivity Notes	The amino acid sequence used as immunogen is 78% homologous in rat.
Specificity/Sensitivity	The amino acid sequence used as immunogen is 100% homologous in human (PUMA a and b). Human PUMA a is a 193 amino acid protein with a predicted molecular weight of approximately 22 kD. Human PUMA b is a 131 amino acid protein with a predicted molecular weight of approximately 15 kD.
Immunogen	A portion of amino acids 186-199 (PLPRGHRAPEMEPN) of human PUMA a was used as the immunogen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:250, Immunohistochemistry-Paraffin reported in scientific literature (Karst et al (2005))

Images

Western Blot: PUMA Antibody [NB100-56370] - Analysis for Puma a (CT) using NB100-56370 at 1:500 against 30 ug/lane of A) Jurkat and B) NIH 3T3 whole cell lysate.	
Immunohistochemistry-Paraffin: PUMA Antibody [NB100-56370] - IHC analysis of a formalin fixed paraffin embedded (FFPE) tissue section of a normal mouse lung using PUMA antibody at 1-200 dilution. The signal was developed using HRP-DAB detection and the sections were further counterstained using hematoxylin. The antibody generated a specific diffused cytoplasmic staining in the bronchiolar and alveolar epithelial cells.	
Immunohistochemistry-Paraffin: PUMA Antibody [NB100-56370] - IHC analysis of a formalin fixed paraffin embedded (FFPE) tissue section of a normal mouse lung using PUMA antibody at 1-200 dilution. The signal was developed using HRP-DAB detection and the sections were further counterstained using hematoxylin. The antibody generated a specific diffused cytoplasmic staining in the bronchiolar and alveolar epithelial cells. The representative section is showing alveolar area only.	

Publications

Ran N, Gao X, Dong X et al. Effects of exosome-mediated delivery of myostatin propeptide on functional recovery of mdx mice Biomaterials 2020-01-01 [PMID: 32028167] (IF/IHC, Mouse)

Liao Y, Chu HP, Hu Z et al. Paradoxical roles of elongation factor-2 kinase in stem cell survival. J. Biol. Chem. 2016-07-27 [PMID: 27466362] (WB, Mouse)

Hershko T, Ginsberg D. Up-regulation of Bcl-2 homology 3 (BH3)-only proteins by E2F1 mediates apoptosis. J Biol Chem. 2004-03-05 [PMID: 14684737] (WB, Mouse)

Details:
WB: Fig 1C (NIH3T3) & Fig 9 (mouse embryo fibroblasts).

Karst AM, Dai DL, Martinka M, Li G. PUMA expression is significantly reduced in human cutaneous melanomas. Oncogene. 2005-02-03 [PMID: 15690057] (IHC-P)

Details:
Puma (IMG-458). IHC (paraffin): Human dysplastic nevi, primary melanoma, and metastatic melanoma tumor tissues, Fig 1.

Speidel D, Helmbold H, Deppert W. Dissection of transcriptional and non-transcriptional p53 activities in the response to genotoxic stress. Oncogene. 2006-02-09 [PMID: 16247471] (WB)

Details:
WB: Fig 3b (NIH3T3).

Kim DH, Jung YJ, Lee JE et al. SIRT1 activation by resveratrol ameliorates cisplatin-induced renal injury through deacetylation of p53. Am J Physiol Renal Physiol;301(2):F427-35. 2011-08-01 [PMID: 21593185]

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Products Related to NB100-56370

NB800-PC2	Jurkat Whole Cell Lysate
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

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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