

# Product Datasheet

## PUMA Antibody NBP1-52093

Unit Size: 0.1 mg

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

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### Publications: 3

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**NBP1-52093**

PUMA Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat PUMA Antibody (NBP1-52093) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-PUMA Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	27113
Gene Symbol	BBC3
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize isoform 1 (NP_001120712.1) only.
Immunogen	Peptide with sequence C-DGGRPQRTVR corresponding to internal region according to NP_001120712.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 24 kDa band observed in human peripheral blood mononucleocytes lysates (calculated MW of 26.5 kDa band according to NP_001120712.1).

**Images**

Western Blot: PUMA Antibody [NBP1-52093] - (0.1ug/ml) staining of Peripheral Blood Lymphocytes lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

## Publications

Pagano C, Coppola L, Navarra G et al. N6-Isopentenyladenosine Impairs Mitochondrial Metabolism through Inhibition of EGFR Translocation on Mitochondria in Glioblastoma Cells *Cancers* 2022-12-08 [PMID: 36551529] (ICC/IF, Human)

Kim J, Yu L, Chen W et al. Wild-Type p53 Promotes Cancer Metabolic Switch by Inducing PUMA-Dependent Suppression of Oxidative Phosphorylation *Cancer Cell* 2019-02-11 [PMID: 30712844] (WB, Human)

Qiu W, Leibowitz B, Zhang L, Yu J. Growth factors protect intestinal stem cells from radiation-induced apoptosis by suppressing PUMA through the PI3K/AKT/p53 axis. *Oncogene* 2010-04-01 [PMID: 19966853]





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### Products Related to NBP1-52093

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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