

# Product Datasheet

## **GAPDH Antibody NB100-56875SS**

Unit Size: 0.025 mg

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

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Updated 6/15/2014 v.20.1

**NB100-56875SS**

## GAPDH Antibody

Product Information	
Unit Size	0.025 mg
Concentration	0.5 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
Purity	Protein G purified
Buffer	PBS containing 0.05% BSA.

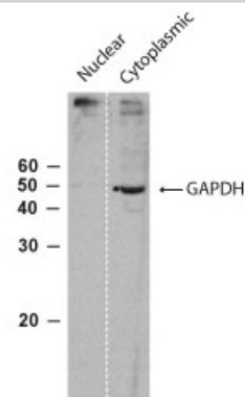
Product Description	
Host	Rabbit
Gene ID	2597
Gene Symbol	GAPDH
Species	Human, Mouse, Rat, Drosophila, Feline, Primate, Porcine
Species Reactivity	Cat, Chimpanzee, Drosophila, Human, Macaque, Mouse, Pig and Rat. The amino acid sequence used as immunogen is 100% homologous in human, baboon, chimp and macaque, 93% in pig, rat and gerbil, and 86% mouse, cat and salamander.
Marker	Cytosolic Marker
Immunogen	Amino acids 73-87 PITIFQERDPSKIKW of glyceraldehyde 3-phosphate dehydrogenase protein were used as the immunogen.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:100-1:2000

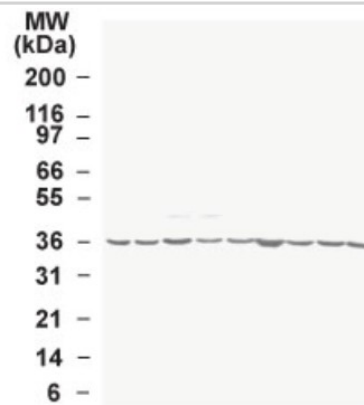


## Images

Western Blot: GAPDH Antibody [NB100-56875] - analysis of GAPDH using this antibody at 1:500 in nuclear and cytoplasmic fractions made from *Drosophila* head extracts. Data courtesy of Dr. Jerry Lin, University of Wisconsin-Madison.



Western Blot: GAPDH Antibody [NB100-56875] - analysis of GAPDH in the multiple human tumor cell line lysate INSTA-Blot using this antibody. 25 ug/ml.



## Publications

- Kitamura R, Andoh T, Mizoguchi S et al. Gabapentin inhibits bortezomib-induced mechanical allodynia through supraspinal action in mice. *J. Pharmacol. Sci.* 2014 Apr 17 [PMID: 24681698] (WB, Mouse)
- Todd D, Gowers I, Dowler SJ et al. A Monoclonal Antibody TrkB Receptor Agonist as a Potential Therapeutic for Huntingtons Disease. *PLoS ONE.* 2014 Feb 7 [PMID: 24503862] (WB, Hamster)
- Tian D, Wang J, Zeng X et al. The Rice TAL Effector-Dependent Resistance Protein XA10 Triggers Cell Death and Calcium Depletion in the Endoplasmic Reticulum. *Plant Cell.* 2014 Jan 1 [PMID: 24488961] (WB, Human)
- Kumar A, Mamidi P, Das I et al. A novel 2006 Indian outbreak strain of Chikungunya virus exhibits different pattern of infection as compared to prototype strain. *PLoS ONE.* 2014 Jan 27 [PMID: 24465661] (WB, Primate)
- Nakao J, Fujii Y, Kusuyama J et al. Low-intensity pulsed ultrasound (LIPUS) inhibits LPS-induced inflammatory responses of osteoblasts through TLR4-MyD88 dissociation. *Bone.* 2014 Jan 1 [PMID: 24091132] (WB, Mouse)
- Nagai N, Ito Y. Excessive hydrogen peroxide enhances the attachment of amyloid B1-42 in the lens epithelium of UPL rats, a hereditary model for cataracts. *Toxicology.* 2014 Jan 6 [PMID: 23941810] (WB, Rat)
- Liu X, Heidelberger R, Janz R. Phosphorylation of Syntaxin 3B by CaMKII regulates the formation of t-SNARE complexes. *Mol. Cell. Neurosci.* 3/27/2014 [PMID: 24680688] (WB, Mouse)
- Shirato K, Kawase M, Matsuyama S. et al. Middle East respiratory syndrome coronavirus infection mediated by the transmembrane serine protease TMPRSS2. *J Virol* 2013 Dec [PMID: 24027332] (WB, Human)
- Steinritz D, Weber J, Balszuweit F et al. Sulfur mustard induced nuclear translocation of glyceraldehyde-3-phosphate-dehydrogenase (GAPDH). *Chem Biol Interact* 2013 Dec 5 [PMID: 23827652] (WB, Human)
- Lewandowski KT, Piwnica-Worms H. Phosphorylation of RNF41 E3 ubiquitin ligase by Par-1 protein kinase required for epithelial cell polarity. *J Cell Sci* 2013 Nov 20 [PMID: 24259665] (WB, Human)
- Baskar S, Kwong KY, Hofer T et al. Unique cell surface expression of receptor tyrosine kinase ROR1 in human B-cell chronic lymphocytic leukemia. *Clin Cancer Res.* 2008 Jan 15 [PMID: 18223214]
- Du H, Huang Y, Zaghlula M et al. The MID1 E3 ligase catalyzes the polyubiquitination of Alpha4 (a4), a regulatory subunit of protein phosphatase 2A (PP2A): novel insights into MID1-mediated regulation of PP2A. *J Biol Chem.* 2013 Jul 19 [PMID: 23740247]
- More publications at <http://www.novusbio.com/NB100-56875>





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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.

**For more information on our guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).**

