

Product Datasheet

GAPDH Antibody (2D4A7) [HRP] NB300-328H

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB300-328H

GAPDH Antibody (2D4A7) [HRP]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	2D4A7
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	HRP
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	2597
Gene Symbol	GAPDH
Species	Human, Mouse, Rat, Porcine, Rabbit
Reactivity Notes	Since GAPDH is one of the most conserved proteins known it is therefore likely that the antibody will react with other species. Porcine reactivity reported in scientific literature (PMID: 25063310)
Marker	Cytosolic Marker
Immunogen	GAPDH antibody raised against Ni-NTA purified recombinant human GAPDH expressed in E. Coli strain BL21 (DE3). [UniProt# P04406]

Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Simple Western, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin
Application Notes	This GAPDH antibody is useful for ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry paraffin embedded sections and Western Blot. Use in Immunoprecipitation and Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 25915564) The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Publications

Demers ND, Riccio V, Jo DS et al. PEX13 prevents pexophagy by regulating ubiquitinated PEX5 and peroxisomal ROS Autophagy 2023-06-01 [PMID: 36541703] (WB, Human)

Bengtsson N, Gamborg M Developing and Investigating New Methods for Alzheimer's Disease Modeling Using iPSC Derived Co-cultures of Cortical Neurons and Astrocytes Thesis 2022-01-01 (WB, Human)



Boutry M, Kim PK ORP1L mediated PI(4)P signaling at ER-lysosome-mitochondrion three-way contact contributes to mitochondrial division Nature communications 2021-09-09 [PMID: 34504082] (WB)

Law KB, Bronte-Tinkew D, Di Pietro E et al. The peroxisomal AAA ATPase complex prevents pexophagy and development of peroxisome biogenesis disorders Autophagy. 2017-05-04 [PMID: 28521612] (WB, Human)

Details:

Citation used the HRP format of this antibody.

Melissaridou S, Wiechec E, Magan M et al. The effect of 2D and 3D cell cultures on treatment response, EMT profile and stem cell features in head and neck cancer Cancer Cell Int Cancer Cell Int. 2019-01-14 [PMID: 30651721] (WB, Human)

Details:

Citation using the HRP form of this antibody.

Zocchi MR, Costa D, Vene R et al. Zoledronate can induce colorectal cancer microenvironment expressing BTN3A1 to stimulate effector gammadelta T cells with antitumor activity. Oncoimmunology. 2017-01-06 [PMID: 28405500] (WB, Human)

Details:

This citation used the HRP form of this antibody

Wei L, Wang H, Yang F et al. Interleukin-17 potentially increases non-small cell lung cancer growth. Mol Med Rep. 2016-02-01 [PMID: 26708832]

Details:

This citation used the HRP version of this antibody.

Bergstrom P, Agholme L, Nazir FH et al. Amyloid precursor protein expression and processing are differentially regulated during cortical neuron differentiation. Sci Rep. 2016-07-07 [PMID: 27383650] (WB)

Details:

This citation used the HRP version of this antibody.

Wang Y, Serricchio M, Jauregui M et al. Deubiquitinating enzymes regulate PARK2-mediated mitophagy. Autophagy 2015-04-27 [PMID: 25915564] (ICC/IF, IP, WB, Human)

Details:

Using the HRP conjugated version of NB300-328, catalog number NB300-328H.

Carta S, Penco F, Lavieri R et al. Cell stress increases ATP release in NLRP3 inflammasome-mediated autoinflammatory diseases, resulting in cytokine imbalance Proc. Natl Acad Sci USA 2015-02-17 [PMID: 25730877] (WB, Human)

Details:

Using the HRP conjugated version of NB300-328, catalog number NB300-328H.

Vene R, Cardinali B, Arena G et al. Glycogen Synthase Kinase 3 Regulates Cell Death and Survival Signaling in Tumor Cells under Redox Stress. Neoplasia. 2014-07-31 [PMID: 25246272]

Domert J, Rao SB, Agholme L et al. Spreading of amyloid- β peptides via neuritic cell-to-cell transfer is dependent on insufficient cellular clearance. Neurobiol Dis 2014-01-09 [PMID: 24412310] (WB, Human)

Details:

Using the HRP conjugated version of NB300-328, catalog number NB300-328H.

More publications at <http://www.novusbio.com/NB300-328H>





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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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