

Mouse GAPDH mAb Antibody | anti-GAPDH antibody

GAPDH antibody

CATALOG # AAA58849	HOST Mouse	REACTIVITY Human, monkey	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

GAPDH mAb; GAPDH antibody; Monoclonal Anti- GAPDH; anti-GAPDH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, monkey
Isotype	IgG1
Specificity	Detect the endogenous levels of total GAPDH protein.
Form/Format	Liquid
Applicable Applications for anti-GAPDH antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide (conjugated to KLH) corresponding to the C-terminal of human GAPDH.
Preparation and Storage	Store at -20 degree C for 1 year. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-GAPDH antibody	Glyceraldehyde 3-phosphate dehydrogenase (abbreviated as GAPDH or less commonly as G3PDH) is an enzyme of ~37kDa that catalyzes the sixth step of glycolysis and thus serves to break down glucose for energy and carbon molecules. GAPDH has recently been implicated in several non-metabolic processes, including transcription activation, initiation of apoptosis, and ER to Golgi vesicle shuttling.
Product Categories/Family for anti-GAPDH antibody	Loading Control Antibodies
References	1. Meyer-Siegler, K., Mauro, D. J., Seal, G., Wurzer, J., deRiel, J. K., Sirover, M. A. A human nuclear uracil DNA glycosylase is the 37-kDa subunit of glyceraldehyde-3-phosphate dehydrogenase. Proc. Nat. Acad. Sci. 88: 8460-8464, 1991. 2. Zheng L, Roeder RG, Luo Y (2003). "S phase activation of the histone H2B promoter by OCA-S, a coactivator complex that contains GAPDH as a key component". Cell 114 (2): 255-66. 3. A. Tarze, A. Deniaud, M. Le Bras, E. Maillier, D. Molle, N. Larochette, N. Zamzami, G. Jan, G. Kroemer, and C. Brenner (2007). "GAPDH, a novel regulator of the pro-apoptotic mitochondrial membrane permeabilization". Oncogene 26 (18): 2606-2620.

NCBI AND UNIPROT INFORMATION

NCBI GI #	122065190
NCBI GeneID	24383
UniProt Accession #	P04797 ; P09328 ; Q5M916 ; Q9QWU4
Molecular Weight	35,828 Da
NCBI Official Full Name	Glyceraldehyde-3-phosphate dehydrogenase
NCBI Official Synonym Full Names	glyceraldehyde-3-phosphate dehydrogenase

NCBI Official Symbol	Gapdh
NCBI Official Synonym Symbols	Gapd
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase; BARS-38; peptidyl-cysteine S-nitrosylase GAPDH; 38 kDa BFA-dependent ADP-ribosylation substrate
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	Gapdh
UniProt Synonym Gene Names	Gapd; GAPDH
UniProt Entry Name	G3P_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-monkey-antibody/gapdh-mab/58849>