

Mouse GAPDH Monoclonal Antibody | anti-GAPDH antibody

GAPDH Mouse mAb

CATALOG # AAA276775	HOST Mouse	REACTIVITY Human, Rat, Mouse, Monkey, Dog, Chicken, Hamster, Rabbit, Pig, Sheep, Insect, Yeast	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	----------------------	--	---

PRODUCT SYNONYMS

GAPDH; Monoclonal Antibody; GAPDH Mouse mAb; anti-GAPDH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse, Monkey, Dog, Chicken, Hamster, Rabbit, Pig, Sheep, Insect, Yeast
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GAPDH antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Cell Localization	Cytoplasm, Cytoskeleton, Membrane, Nucleus
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of Chicken Muscle (1), Hamster Lung (2), Pig Heart(3), with GAPDH mouse mAb(2B8) diluted at 1:10,000.


WB (Western Blot)

Western blot analysis of HeLa (1), Rat brain (2), Rabbit Muscle (3), Sheep Muscle (4), and Mouse brain (5) with GAPDH mouse mAb (2B8) diluted at 1:10,000.

ADDITIONAL INFORMATION

Related Product Information for anti-GAPDH antibody	Background: Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. GAPDH is constitutively expressed in almost all tissues at high levels, therefore antibodies against GAPDH are useful as loading controls for Western Blotting. Some physiological factors, such as hypoxia and diabetes, increase GAPDH expression in certain cell types.
Product Categories/Family for anti-GAPDH antibody	Cytoplasm; Cytoskeleton; Membrane; Nucleus

NCBI AND UNIPROT INFORMATION

NCBI GI #	378404908
NCBI GeneID	2597
NCBI Accession #	NP_001243728.1
NCBI GenBank Nucleotide #	NM_001256799.1
UniProt Accession #	P04406; P00354; Q53X65
Molecular Weight	37 kDa
NCBI Official Full Name	glyceraldehyde-3-phosphate dehydrogenase isoform 2
NCBI Official Synonym Full Names	glyceraldehyde-3-phosphate dehydrogenase
NCBI Official Symbol	GAPDH
NCBI Official Synonym Symbols	G3PD; GAPD
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase; aging-associated gene 9 protein; peptidyl-cysteine S-nitrosylase GAPDH
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	GAPDH
UniProt Synonym Gene Names	GAPD; GAPDH
UniProt Entry Name	G3P_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/gapdh-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/276775>