Mouse GAPDH Monoclonal Antibody | anti-GAPDH antibody

GAPDH Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178011	**Mouse**	**Human, Rat, Bovine, Caprine, Guinea pig, Rabbit, Porcine,**	**Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

GAPDH; Monoclonal Antibody; GAPDH Monoclonal Antibody; aging associated gene 9 protein; BARS-38; cb609; G3PDH; GAPD; KNC-NDS6; OCAS; p38 component; anti-GAPDH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Bovine, Caprine, Guinea pig, Rabbit, Porcine,
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	Protein A/G Purified
Form/Format	PBS with 0.1% sodium azide, 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GAPDH antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant human GAPDH protein expressed by E Coli
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of 293F cells using anti-GAPDH monoclonal antibody at 1:400 dilution.

WB (Western Blot)
Western blot analysis of GAPDH in various tissues of different species at dilution of 1:5000.Lane1 : Rat heart, whole tissue lysate, Lane2: Porcine brain, whole tissue lysate, Lane3: Bovine kidney, whole tissue lysate, Lane4: Guinea pig liver, whole tissue lysate, Lane5: Rabbit pancreas, whole tissue ysate, Lane6: Caprine spleen, whole tissue lysate.Lysates/proteins at 20ug per lane.

WB (Western Blot)
Western Blot analysis of GAPDH in various cell lines at dilution of 1:5000.Lane1: DU145 whole cell lysate, Lane2: OS-RC-2 whole cell lysate, Lane3:T-47D whole cell Lysates, Lane4: HEC-1B whole cell lysate, Lane5: HepG2 whole cell lysate, Lane6: HEK-293 whole cell lysate,. Lysates/proteins at 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-GAPDH antibody	GAPDH is an enzyme of 37kDa that catalyzes the sixth step of glycolysis and thus serves to break down glucose for energy and carbon molecules. Because the GAPDH gene is often stably and constitutively expressed at high levels in most tissues and cells, it is commonly used as a loading control for western blot and as a control for qPCR.
Product Categories/Family for anti-GAPDH antibody	Cancer; Metabolism; Signal Transduction; Control Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	169403947
NCBI GeneID	317743
NCBI Accession #	NP_001108586.1
NCBI GenBank Nucleotide #	NM_001115114.1
UniProt Accession #	Q5XJ10; Q1RM54
Molecular Weight	35,784 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; cb609; mg:bb02e05; wu:fb33a10; wu:ft80f05
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	**gapdh**
UniProt Synonym Gene Names	GAPDH

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-western-blot-elisa/178011