

GAPDH recombinant antibody

Recombinant GAPDH Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA22336	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

GAPDH; Monoclonal Recombinant Antibody; Recombinant GAPDH Monoclonal Antibody; BARS-38; cb609; G3PDH; GAPD; KNC-NDS6; OCAS; GAPDH recombinant antibody

PRODUCT SPECIFICATIONS

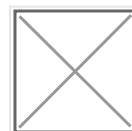
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	20B8
Purity/Purification	Protein A/G Purification
Form/Format	TBS with 0.05% sodium azide, 0.05% protective protein and 40% glycerol, pH7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for GAPDH recombinant antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:20000-1:100000 IHC: 1:2000-1:4000 IF: 1:2000-1:4000
Immunogen	Recombinant protein within Mouse GAPDH
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles. Protected from prolonged exposure to light.

IMAGES



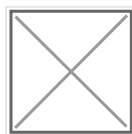
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Recombinant GAPDH Monoclonal Antibody at dilution of 1:1000



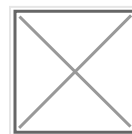
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using Recombinant GAPDH Monoclonal Antibody at dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse ovary using Recombinant GAPDH Monoclonal Antibody at dilution of 1:5000.



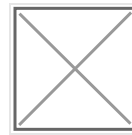
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat ovary using Recombinant GAPDH Monoclonal Antibody at dilution of 1:5000.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using Recombinant GAPDH Monoclonal Antibody at dilution of 1:5000.



WB (Western Blot)

Western Blot with Recombinant GAPDH Monoclonal Antibody at dilution of 1:160000. Lane 1: C6 cell lysate, Lane 2: PC-12 cell lysate, Lane 3: Rat heart tissue lysate, Lane 4: Rat liver tissue lysate, Lane 5: Rat spleen tissue lysate, Lane 6: Rat brain tissue lysate, Lane 7: Rat stomach tissue lysate, Lane 8: Rat testis tissue lysate, Lane 9: Rat thymus tissue lysate, Lane 10: Rat skeletal muscle tissue lysate

ADDITIONAL INFORMATION

Related Product Information for GAPDH recombinant antibody	GAPDH is an enzyme of 36kDa 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 GAPDH recombinant antibody	Primary Antibodies; Tags/Controls Antibodies; Recombinant Antibodies; Isotype; Loading Controls; Signal Transduction; Cancer; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	576080555
NCBI GeneID	14433
NCBI Accession #	NP_001276655.1
NCBI GenBank Nucleotide #	NM_001289726.1
UniProt Accession #	P16858; Q0QEU0; Q3THM2; Q3TUI2; Q3UMT2; Q4V783; Q569X2; Q569X5; Q5U410; A6H6A8
Molecular Weight	35,810 Da
NCBI Official Full Name	glyceraldehyde-3-phosphate dehydrogenase isoform 1
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
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	Gapdh
UniProt Synonym Gene Names	Gapd; GAPDH
UniProt Entry Name	G3P_MOUSE

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/monoclonal/gapdh-recombinant-antibody-clone-20b8-western-blot-immunohistochemistry-immunofluorescence-elisa/22336>