

Rabbit GAPDH Polyclonal Antibody | anti-GAPDH antibody

GAPDH antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23468	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

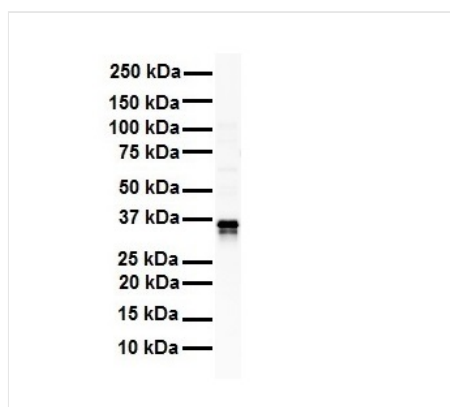
PRODUCT SYNONYMS

GAPDH; Polyclonal Antibody; GAPDH antibody - N-terminal region; anti-GAPDH antibody

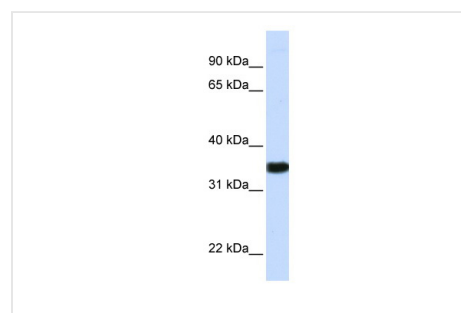
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ID LNYMVMFYQY DSTHGKFGHT VKAENGKLV I NGNPITIFQE RDPSKIKW
Sequence Length	335
Applicable Applications for anti-GAPDH antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GAPDH
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

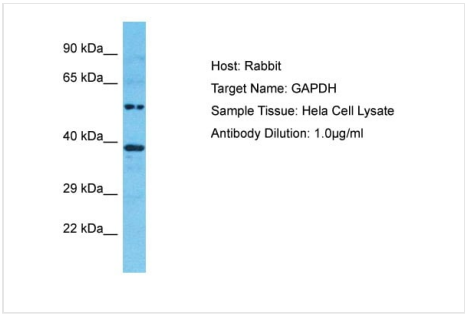
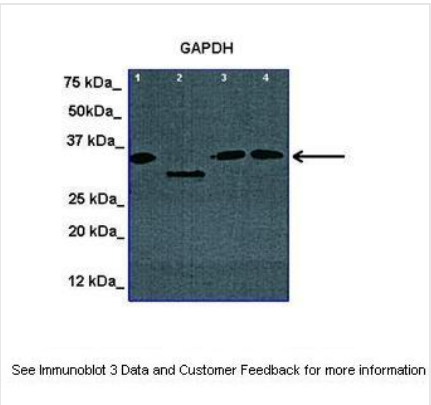
IMAGES


WB (Western Blot)

WB Suggested Anti-GAPDH antibody Titration: 1 ug/mL Sample Type: Human Raji

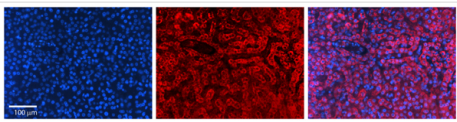
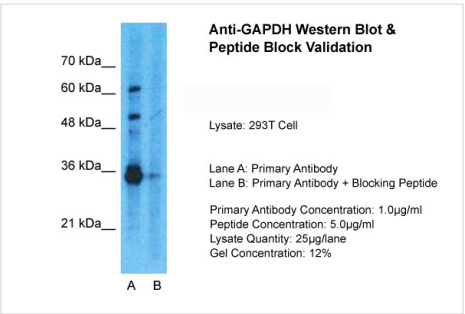

WB (Western Blot)

WB Suggested Anti-GAPDH Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:62500 Positive Control: Human brain



WB (Western Blot)
Host: RabbitTarget Name: GAPDHSample Type: Hela Whole Cell lysatesAntibody Dilution: 1.0ug/mlGAPDH is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells

WB (Western Blot)
Lanes:1. 50 ug NIH3T3 cytosolic extract 2. 50 ug NIH3T3 cytosolic extract 3. 50 ug NIH3T3 cytosolic extract 4. 50 ug NIH3T3 cytosolic extractPrimary Antibody Dilution:1:1000Secondary Antibody:Anti-Rabbit HRPSecondary Antibody Dilution:1:30000Gene Name:GAPDHSubmitted by:Dr. Arindam Basu, Dept. of Animal Biology, University of Pennsylvania



IHC (Immunohistochemistry)
Rabbit Anti-GAPDH AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Liver TissueObserved Staining: Cytoplasm in hepatocytesPrimary Antibody Concentration: 1:100Other Working Concentrations: N/ASecondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

WB (Western Blot)
Host: RabbitTarget Name: GAPDHSample Type: 293TLane A: Primary AntibodyLane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 1ug/mlPeptide Concentration: 5ug/mlLysate Quantity: 25ug/mlLysate Quantity: 25ug/ml/laneGel Concentration: 0.12

ADDITIONAL INFORMATION

Related Product Information for anti-GAPDH antibody

This is a rabbit polyclonal antibody against GAPDH. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: GAPDH catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains. Many pseudogenes similar to this locus are present in the human genome.Glyceraldehyde-3-phosphate dehydrogenase catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains. A GAPD pseudogene has been mapped to Xp21-p11 and 15 GAPD-like loci have been identified. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-GAPDH antibody

Polyclonal; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	7669492
NCBI GeneID	2597
NCBI Accession #	NP_002037
NCBI GenBank Nucleotide #	NM_002046

UniProt Accession #	Q2TSD0; P04406
Molecular Weight	36kDa
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	G3PD; GAPD; HEL-S-162eP
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase

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://www.aaabiotech.com/polyclonal/gapdh-antibody-western-blot-immunohistochemistry-elisa/23468>