

Rabbit GAPDH Polyclonal Antibody | anti-GAPDH antibody

RABBIT ANTI GAPDH (N-TERMINAL)

CATALOG # AAA50075	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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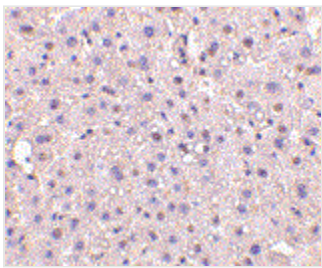
PRODUCT SYNONYMS

GAPDH; Polyclonal Antibody; RABBIT ANTI GAPDH (N-TERMINAL); anti-GAPDH antibody

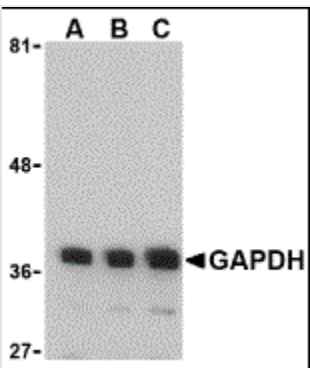
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	293
Applicable Applications for anti-GAPDH antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Immunogen	A peptide corresponding to a 16 amino acid sequence from near the amino-terminus of GAPDH. Histology Positive Control Tissue
Antiserum Preparation	Antiserum to human GADPH (N-Terminal) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunohistochemical staining of human liver with Rabbit anti Human GAPDH



Application Data
Western blot analysis of whole cell lysate from HeLa, human epithelial adenocarcinoma cells probed with Rabbit anti Human GAPDH at 0.125(A), 0.25(B) and 0.5(C) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-GAPDH antibody	Rabbit anti GAPDH (N-Terminal) antibody recognizes human glyceraldehyde 3-phosphate dehydrogenase (GAPDH). GAPDH is a major glycolytic enzyme within the cytosol, which is also involved in a number of intracellular processes including membrane fusion, microtubule bundling, phosphotransferase, DNA replication and DNA repair. GAPDH may be involved in the cellular phenotype of age-related neurodegenerative disorders such as Alzheimer's and Huntington's disease.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	378404908
NCBI GeneID	2597
NCBI Accession #	NP_001243728.1
NCBI GenBank Nucleotide #	NM_001256799.2
UniProt Accession #	P04406; P00354; Q53X65; E7EUT4
Molecular Weight	31,548 Da
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; HEL-S-162eP
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase; aging-associated gene 9 protein; epididymis secretory sperm binding protein Li 162eP; 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.