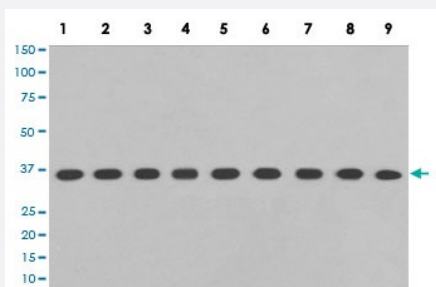


GAPDH monoclonal antibody, clone A-7 (HRP)

Catalog # MAB19483 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of (1) Jurkat cell lysate; (2) A375 cell lysate; (3) Human hippocampus lysate; (4) Human fetal liver lysate; (5) COS-1 cell lysate; (6) Raw2647 cell lysate; (7) Mouse kidney lysate; (8) PC-12 cell lysate; (9) Rat brain lysate with GAPDH monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human GAPDH.
Immunogen	A synthetic peptide corresponding to human GAPDH.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Conjugation	HRP
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:5000-1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) Jurkat cell lysate; (2) A375 cell lysate; (3) Human hippocampus lysate; (4) Human fetal liver lysate; (5) COS-1 cell lysate; (6) Raw2647 cell lysate; (7) Mouse kidney lysate; (8) PC-12 cell lysate; (9) Rat brain lysate with GAPDH monoclonal antibody.

Gene Info — GAPDH

Entrez GeneID	2597
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Protein Accession#	P04406
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Gene Name	GAPDH
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Gene Alias	G3PD, GAPD, MGC88685
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Gene Description	glyceraldehyde-3-phosphate dehydrogenase
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Omim ID	138400
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Gene Ontology	Hyperlink
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Gene Summary	The product of this gene 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. [provided by RefSeq]
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Other Designations	OTTHUMP00000174431 OTTHUMP00000174432 aging-associated gene 9 protein glyceraldehyde 3-phosphate dehydrogenase
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Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Nerve Degeneration](#)
- [Osteoporosis](#)