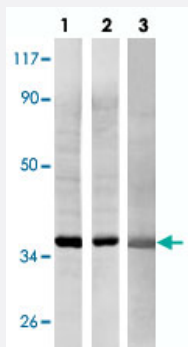


GAPDH polyclonal antibody

Catalog # PAB24750 Size 100 uL

Applications



Western Blot

Western blot analysis of HeLa cell lysate (lane 1), mouse brain (lane 2) and rat liver (lane 3) tissue lysate with GAPDH polyclonal antibody (Cat # PAB24750) at 1:10000 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GAPDH.
Immunogen	A synthetic peptide corresponding to GAPDH.
Host	Rabbit
Theoretical MW (kDa)	36
Reactivity	Human, Mouse, Rat
Specificity	GAPDH polyclonal antibody detects endogenous levels of GAPDH protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:5000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to 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

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Gene Info — GAPDH

Entrez GeneID[2597](#)**Gene Name**

GAPDH

Gene Alias

G3PD, GAPD, MGC88685

Gene Description

glyceraldehyde-3-phosphate dehydrogenase

Omim ID[138400](#)**Gene Ontology**[Hyperlink](#)**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]

Other Designations

OTTHUMP00000174431|OTTHUMP00000174432|aging-associated gene 9 protein|glyceraldehyde 3-phosphate dehydrogenase

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](#)