
Product Name: HRP-GAPDH Mouse Monoclonal Antibody**Catalog #: AMM80024**

For research use only.

Summary

Host	Mouse
Application	WB,ELISA
Specificity	endogenous
Reactivity	Human,Mouse,Rat
Isotype	IgG1
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS, containing 50% glycerol, pH7.4
Purification	Affinity Chromatography

Application

Dilution Ratio	WB-1:1000-1:5000; ELISA-1:10000
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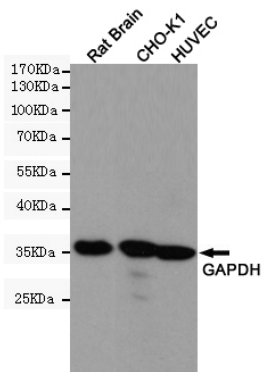
Antigen Information

Gene Name	GAPDH
Immunogen	A synthetic peptide corresponding to residues near the amino terminus of human GAPDH protein.

Background

Glyceraldehyde-3-phosphate dehydrogenase(GAPDH) Homo sapiens This gene encodes a member of the glyceraldehyde-3-phosphate dehydrogenase protein family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. 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 encoded protein has additionally been identified to have uracil DNA glycosylase activity in the nucleus. Also, this protein contains a peptide that has antimicrobial activity against E. coli, P. aeruginosa, and C. albicans. Studies of a similar protein in mouse have assigned a variety of additional functions including nitrosylation of nuclear proteins, the regulation of mRNA stability, and acting as a transferri

Image Data



Western blot analysis of GAPDH in rat brain, CHO-K1 and HUVEC lysates using GAPDH antibody (HRP Conjugate).