

GAPDH (Rodent) Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251331

Unit: 0.1 mg

Description:

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes in glycolysis. GAPDH catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). GAPDH is also involved in a number of cellular processes such as membrane fusion, phosphotransferase activity, DNA replication and repair, and nuclear RNA export. GAPDH is constitutively expressed at high level in almost all tissue and cell lines making an ideal positive control marker in immunotechniques. This antibody works best for ELISA and immunohistochemistry.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: M, R

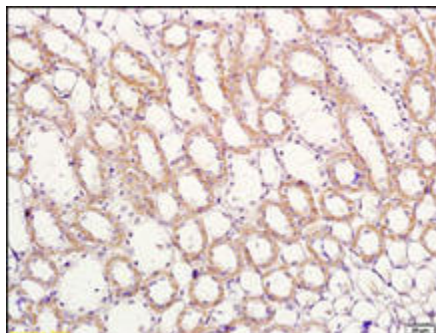
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.1 mg/ml BSA, 25% glycerol with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Glyceraldehyde-3-phosphate dehydrogenase; GAPDH; GAPD

Accession No.: P16858

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of mouse GAPDH.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



GAPDH staining in rat kidney: Formalin-fixed paraffin-embedded rat kidney tissue is stained with GAPDH (Rodent) Antibody (Cat. No. 251331) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.