

Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Antibody

Catalogue No.: abx005568

GAPDH Antibody is a Rabbit Polyclonal antibody against GAPDH. Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) catalyzes the phosphorylation of glyceraldehyde-3-phosphate during glycolysis. GAPDH participates in nuclear events including transcription, binding RNA, RNA transport, DNA replication, DNA repair and apoptosis. Being stably and constitutively expressed at high levels in most tissues and cells, GAPDH is considered a housekeeping protein. It was widely used as a control for RT-PACR and also loading control in electrophoresis and Western blotting. This antibody is a rabbit polyclonal antibody raised against full length GAPDH of human origin. It can recognize the 36kda GAPDH protein in most cells/tissues. Please note that some physiological factors, such as hypoxia and diabetes, increase GAPDH expression in certain cell types.

Target: Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, IF/ICC

Recommended dilutions: WB: 1/1000 - 1/10000, IHC: 1/50 - 1/100, IF/ICC: 1/20 - 1/50. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Fusion protein of human GAPDH.

Purification: Affinity purified.

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: 36 kDa

Swiss Prot: [P04406](#)

GeneID: [2597](#)

Concentration: > 1 mg/ml

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Note: This product is for research use only.