

PRODUCT DATA SHEET

Bioworld Technology,Inc.

GAPDH Rabbit monoclonal antibody

Catalog: MB66349 Host: Rabbit Reactivity: The man, Mouse, Rat, Mk, Ch, Ze, Fish

BackGround:

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) catalyzes the phosphorylation of glyceraldehyde-3-phosphate during glycolysis. Though differentially expressed from tissue to tissue, GAPDH is thought to be a constitutively expressed housekeeping protein. For this reason, GAPDH mRNA and protein levels are often measured as controls in experiments quantifying specific changes in expression of other targets. Recent work has elucidated roles for GAPDH in apoptosis, gene expression, and nuclear transport. GAPDH may also play a role in neurodegenerative pathologies such as Huntington and Alzheimer's diseases.

Product:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Molecular Weight:

~ 36 kDa

Swiss-Prot:

P04406

Purification&Purity:

Affinity-chromatography

Applications:

WB 1:5000~1:50000 IHC 1:100~1:500 ICC/IF 1:100~1:250 IP 1:50 FC 1:50

Storage&Stability:

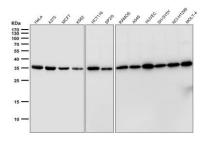
Store at $4\,\mathrm{C}$ short term. Aliquot and store at $-20\,\mathrm{C}$ long

term. Avoid freeze-thaw cycles.

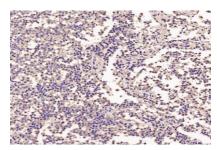
Specificity:

Recognizes endogenous levels of GAPDH protein.

DATA:



Western blot (WB) analysis of GAPDH monoclonal antibody at 1:50000 dilution



Immunohistochemical analysis of paraffin-embedded Human pituitary adenoma, using GAPDH monoclonal antibody at 1:400 dilution.

Note:

For research use only, not for use in diagnostic procedure.

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