

## GAPDH Antibody

Cat.#: T0004                      Concn.: 1mg/ml                      Mol.Wt.: 34KD  
Size: 1ml,200ul,100ul,50ul      Source: Mouse                      Clonality: Monoclonal

**Application:**                      WB: 1:3000-1:10000, IHC: 1:200, IF/ICC: 1:200

**Reactivity:**                      Human,Mouse,Rat,Pig,Zebrafish,Bovine,Sheep,Rabbit,Goat,G  
uinea pig,Dog,Monkey,Hamster,Chicken,Plants,Rice,Fish

**Purification:**                      Affinity-chromatography.

**Specificity:**                      GAPDH Mouse Monoclonal antibody detects endogenous  
levels of total GAPDH protein.

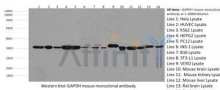
**Immunogen:**                      Full-length GAPDH protein of human.

**Uniprot:**                              P04406

**Description:**                      Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well  
known as one of the key enzymes involved in glycolysis.  
GAPDH is constitutively abundant expressed in almost cell  
types at high levels, therefore antibodies against GAPDH are  
useful as loading controls for Western Blotting. Some  
pathology factors, such as hypoxia and diabetes, increased  
or decreased GAPDH expression in certain cell types.

**Similarity:**                      The [IL]-x-C-x-x-[DE] motif is a proposed target motif for  
cysteine S-nitrosylation mediated by the iNOS-S100A8/A9  
transnitrosylase complex.Belongs to the  
glyceraldehyde-3-phosphate dehydrogenase family.

**Storage Condition and Buffer:**      Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and  
Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50%  
glycerol.Store at -20 °C.Stable for 12 months from date of  
receipt.



Western blot analysis of various lysates, using GAPDH Mouse Monoclonal Antibody.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



**Affinity Biosciences**

website: [www.affbiotech.com](http://www.affbiotech.com)

order: [order@affbiotech.com](mailto:order@affbiotech.com)

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