

GAPDH Antibody

Cat No.: SJ-AB3255



Applications

Reactive Species

Human, Mouse, Rat, Chicken, Zebrafish, Monkey

Positive Samples

Refer to Validation Data.

Validated Applications

WB, IHC, ICC/IF, IHF, IP, FC

Recommended Dilution

WB 1:5000-1:10000
IHC 1:100-1:500
ICC/IF 1:100-1:500
IHF 1:100-1:500
IP 1:50-1:100
FC 1:100-1:500

Product Information

Antibody Type

Mouse mAb

Immunogen

A synthesized peptide derived from human GAPDH.

Modification

Unmodified

Isotype

Mouse IgG

Clone No.

N/A

Purification Method

Affinity purification

Form

Liquid

Host

Mouse

Clonality

Monoclonal

Conjugation

Unconjugated

Concentration

N/A

Storage Buffer

Mouse IgG in 10mM phosphate buffered saline, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

Storage Conditions

Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

Background Information

Function

Has both glyceraldehyde-3-phosphate dehydrogenase and nitrosylase activities, thereby playing a role in glycolysis and nuclear functions, respectively. Glyceraldehyde-3-phosphate dehydrogenase is a key enzyme in glycolysis that catalyzes the first step of the pathway by converting D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate.

UniProt ID

P04406

Organism

Human

Recommended Name

N/A

Short Name

N/A

Alternative Names

aging-associated gene 9 protein; G3P; G3PD; GAPD; GAPDH; glyceraldehyde 3-phosphate dehydrogenase; Glyceraldehyde-3-phosphate dehydrogenase; MGC88685;

Gene ID

N/A

Gene Name

N/A

Calculated MW

36 kDa

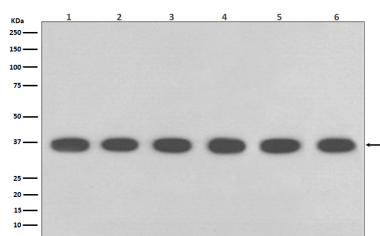
Observed MW

36 kDa

Subcellular Location

N/A

Validation Data



Western blot analysis of GAPDH expression in (1) Hela cell lysate; (2) Jurkat cell lysate; (3) Mouse kidney lysate; (4) Mouse spleen lysate; (5) RAW 264.7 cell lysate; (6) Rat brain lysate with GAPDH Mouse Monoclonal Antibody.

NOTICE: For research use only. Not for therapeutic or diagnostic purposes.

Contact

For technical support and original validation data for this product please contact:

T: 400-018-6916

E: support@sanjingbio.com

W: www.sanjingbio.com