Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

Anti GAPDH antibody

Catalog No: tcsa6929

Available Sizes

Size: 100µl

Size: 200µl

Specifications

Application:
WB, IHC-p

Species Reactivity:
Human, Rat, Mouse, Monkey, Dog, Bovine, Hamster, Rabbit, Pig, Sheep, Insect, Yeast

Host Species:
Mouse

Immunogen / Amino acids:
Synthetic Peptide

Conjugation:
Unconjugated

Clonality:
Monoclonal

Clones:
2B8

Isotype:
IgG1

Form:
Liquid

Storage Buffer:

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Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution:
WB 1:5000
IHC 1:200

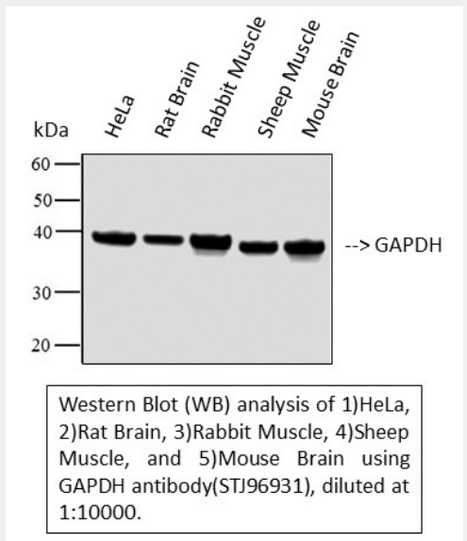
Storage Instruction:
Store at -20°C, and avoid repeat freeze-thaw cycles.

Alternative Names:
GAPDH antibody; GAPD antibody; CDABP0047 antibody; OK/SW-cl.12 antibody; Glyceraldehyde-3-phosphate dehydrogenase antibody; GAPDH antibody; Peptidyl-cysteine S-nitrosylase GAPDH antibody

SwissProt:
P04406_HUMAN

Product Description

GAPDH is a protein encoded by the GAPDH gene which is approximately 36 kDa. GAPDH is localised to the cytoplasm and nucleus. It is involved in glucose metabolism, respiratory electron transport, carbon metabolism and HIF-1 signalling pathway. It is a moonlighting protein based on its ability to perform mechanistically distinct functions. It catalyses an important energy-yielding step in carbohydrate metabolism and also has both glyceraldehyde-3-phosphate dehydrogenase and nitrosylase activities, thereby playing a role in glycolysis and nuclear functions. GAPDH is expressed in the blood, eyes, intestine, kidney and liver. Mutations in the GAPDH gene may result in FMR1-related disorders. STJ96931 was developed from clone 2B8 and was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. This primary antibody detects endogenous GAPDH protein.



Western blot (WB) analysis of Hela, rat brain, rabbit muscle, sheep muscle and mouse brain cells, using monoclonal Anti-GAPDH Antibody at 1:10000.