

## GAPDH Antibody

Catalog No: #48142



Package Size: #48142-1 50ul #48142-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

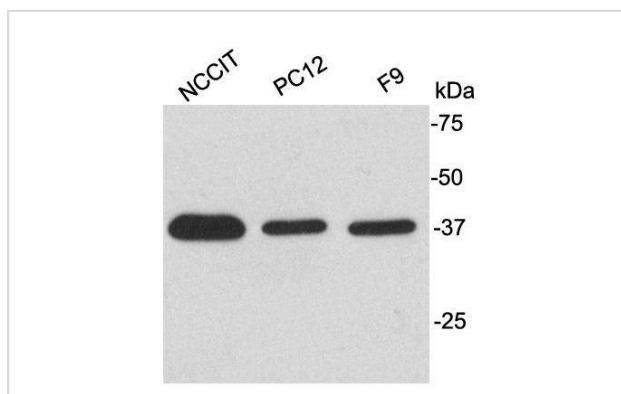
## Description

Product Name	GAPDH Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Immunogen affinity purified
Applications	WB
Species Reactivity	Hu,Ms,Rt,Zebrafish,Rabbit
Immunogen Description	peptide
Conjugates	Unconjugated
Other Names	38 kDa BFA-dependent ADP-ribosylation substrate antibody aging associated gene 9 protein antibody Aging-associated gene 9 protein antibody BARS-38 antibody cb609 antibody EC 1.2.1.12 antibody Epididymis secretory sperm binding protein Li 162eP antibody G3P_HUMAN antibody G3PD antibody G3PDH antibody GAPD antibody GAPDH antibody Glyceraldehyde 3 phosphate dehydrogenase antibody Glyceraldehyde-3-phosphate dehydrogenase antibody HEL-S-162eP antibody KNC-NDS6 antibody MGC102544 antibody MGC102546 antibody MGC103190 antibody MGC103191 antibody MGC105239 antibody MGC127711 antibody MGC88685 antibody OCAS, p38 component antibody OCT1 coactivator in S phase, 38-KD component antibody peptidyl cysteine S nitrosylase GAPDH antibody Peptidyl-cysteine S-nitrosylase GAPDH antibody wu:fb33a10 antibody
Accession No.	Swiss-Prot#:P04406
Calculated MW	36 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:2,000

## Images



Western blot analysis of GAPDH on different lysates using anti-GAPDH antibody at 1/1,000 dilution. Positive control:  
 Lane 1: Rabbit liver tissue Lane 2: Zebrafish Lane 3: NCCIT  
 Lane 4: Mouse heart tissue

## Background

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) catalyzes the phosphorylation of glyceraldehyde-3-phosphate during glycolysis. It participates in nuclear events including transcription, RNA transport, DNA replication and apoptosis. 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.

## References

- 1."Identification of the 37-kDa protein displaying a variable interaction with the erythroid cell membrane as glyceraldehyde-3-phosphate dehydrogenase."Allen R.W., Trach K.A., Hoch J.A.J. Biol. Chem. 262:649-653(1987)
- 2."A human nuclear uracil DNA glycosylase is the 37-kDa subunit of glyceraldehyde-3-phosphate dehydrogenase."Meyer-Siegler K., Mauro D.J., Seal G., Wurzer J., Deriel J.K., Sirover M.A.Proc. Natl. Acad. Sci. U.S.A. 88:8460-8464(1991)

## Published Papers

el at., Mycn ameliorates cardiac hypertrophy-induced heart failure in mice by mediating the USP2/JUP/Akt/ $\beta$ -catenin cascade. In BMC Cardiovasc Disord on 2024 Jan 31 by Weinian Gao, Na Guo,et al..PMID:38297207, , (2024)

[PMID:38297207](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.