

GAPDH Rabbit Polyclonal Antibody

Catalog No: #37985

Package Size: #37985 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

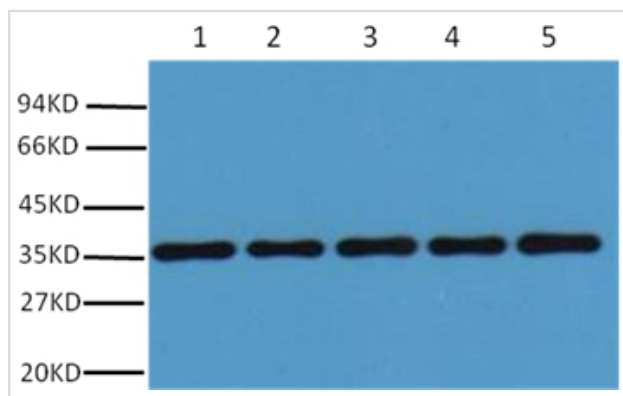
Description

Product Name	GAPDH Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Hu Rt Ms Mk Chk Hm Sh Xenopus
Specificity	Antibody detects endogenous GAPDH protein.
Conjugates	Unconjugated
Target Name	GAPDH
Other Names	G3PD; GAPD; MGC88685
Accession No.	Swiss-Prot#:P04406
SDS-PAGE MW	37kd
Concentration	1.0mg/ml
Formulation	IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:5000~1:20000

Images



Western blot analysis of 293T (1), Rat brain (2), NIH 3T3(3), Sheep Muscle(4),Rabbit testis(5), using #37985 diluted at 1:20,000.

Background

Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. GAPDH is constitutively expressed in almost all tissues at high levels, therefore antibodies against GAPDH are useful as loading controls for Western Blotting. Some physiological factors, such as hypoxia and diabetes, increase GAPDH expression in certain cell types.

Published Papers

el at., Aberrant activation of the complement system in renal grafts is mediated by cold storage. In Am J Physiol Renal Physiol on 2021 Jun 1 by Sorena Lo, Li Jiang, et al..PMID:33998295, , (2021)

[PMID:33998295](#)

el at., Hydrogen sulfide-mediated persulfidation regulates homocysteine metabolism and enhances ferroptosis in non-small cell lung cancer. In Mol Cell on 2024 Oct 17 by Hualei Zheng, Huidi Chen, et al..PMID:39321805, , (2024)

[PMID:39321805](#)

Juan Cheng;Juan Cheng;Juan Cheng;Juan Cheng;Zhiwei Zhao;Zhiwei Zhao;Zhiwei Zhao;Zhiwei Zhao;Ling Wang;Ling Wang;Ling Wang;Ling Wang;Jirui Wen;Jirui Wen;Jirui Wen;Jirui Wen;Yali Miao;Yali Miao;Yali Miao;Yali Miao;Jiang Wu;Jiang Wu;Jiang Wu;Jiang Wu el at., The Anti-Senescence Effect and Mechanism of 17β-Estradiol on Pelvic Organ Prolapse Derived Fibroblasts, , (2025)

[PMID:](#)

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