

兔抗 GAPDH 多克隆抗体

- 中文名称：兔抗 GAPDH 多克隆抗体
- 英文名称：Anti-GAPDH rabbit polyclonal antibody 说
- 别名：GAPD, G3PD, MGC88685, Peptidyl-cysteine S-nitrosylase GAPDH
- 相关类别：内参抗体
- 储存：冷冻（-20℃）
- 宿主：Rabbit
- 抗原：GAPDH
- 反应种属：Human, Mouse, Rat
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

技术规格

Background:

This gene encodes a member of the glyceraldehyde-3-phosphate dehydrogenase protein family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The product of this gene catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The encoded protein has additionally been identified to have uracil DNA glycosylase activity in the nucleus. Also, this protein contains a peptide that has antimicrobial activity against *E. coli*, *P. aeruginosa*, and *C. albicans*. Studies of a similar protein in mouse have assigned a variety of additional functions including nitrosylation of nuclear proteins, the regulation of mRNA sta

	bility, and acting as a transferrin receptor on the cell surface of macrophage. Many pseudogenes similar to this locus are present in the human genome. Alternative splicing results in multiple transcript variants.
Applications:	ELISA, WB, IHC
Name of antibody:	GAPDH
Immunogen:	Fusion protein of human GAPDH
Full name:	glyceraldehyde-3-phosphate dehydrogenase
Synonyms:	G3PD; GAPD; HEL-S-162eP
SwissProt:	P04406
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human prostate cancer
IHC Recommend dilution:	50-200
WB Predicted band size:	36 kDa
WB Positive control:	Hela cell, Mouse brain tissue, 231, Jurkat, Raji, 293T, A375 and HUVEC cell lysates
WB Recommended dilution:	2000-10000



