

# 产品说明书

## GAPDH (Y0004) Rabbit mAb

货号: HL18016

产品名称	GAPDH (Y0004) Rabbit mAb
来源宿主	Rabbit
反应种属	Human, Mouse, Rat, Rabbit, Dog, Monkey,
克隆类型	Rabbit monoclonal
克隆号	Y0004
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified.
形式	Liquid
存储溶液	PBS (pH7.4), 50% Glycerol, 0.05% BSA, 0.05% Proclin 300
存储方式	Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.
应用	WB
使用方法	WB 1:250-1:1000
有效期	one year
别名	GAPDH; GAPD; CDABP0047; OK/SW-cl. 12; Glyceraldehyde-3-phosphate dehydrogenase; GAPDH; Peptidyl-cysteine S-nitrosylase GAPDH
SwissProt	P04406
细胞定位	Cytoplasm, cytosol . Nucleus . Cytoplasm, perinuclear region . Membrane . Cytoplasm, cytoskeleton . Translocates to the nucleus following S-nitrosylation and interaction with SIAH1, which contains a nuclear localization signal (By similarity). Postnuclear and Perinuclear regions (PubMed:12829261). .
分子量	37kD
产品介绍	glyceraldehyde-3-phosphate dehydrogenase(GAPDH) Homo sapiens 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 stability, and acting as a transferri

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