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GAPDH Mouse Monoclonal Antibody

货号: AYM2015

产品信息

反应	Human,Mouse,Rat,Monkey,Chicken,Zebrafish
宿主	Mouse
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	36kDa
实测分子量	36kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,HepG2,Mouse liver,Mouse kidney,Mouse spleen,Rat liver
细胞定位	Cytoplasm,Membrane,Nucleus,cytoskeleton,cytosol,perinuclear region
纯化	Affinity purification

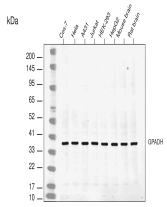
抗原信息

抗原信息	Synthesized peptide derived from Human GAPDH.

靶点信息

研究背景	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 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. [provided by RefSeq, Nov 2014]
基因ID	2597
基因名	GAPDH
Swiss	P04406 (https://www.uniprot.org/uniprotkb/P04406/entry)
别名	G3PD,GAPD,HEL-S-162eP,GAPDH,GAPDH Mouse Monoclonal Antibody,Peptidyl-cysteine S-nitrosylase GAPDH

产品验证



Western Blot analysis using Various whole cell lysates were , and the membrane was blotted with GAPDH Mouse diluted at 1:1000.

实验步骤

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