

GAPDH Mouse mAb

货号: B25107

产品信息

反应	Human,Mouse,Rat
宿主	Mouse
克隆性	Monoclonal
预测反应	WB: Arabidopsis thaliana , Mus musculus , Rhinopithecus , Homo sapiens , Zika virus , Sus scrofa , Other , Rattus norvegicus , Carassius auratus , Gallus gallus , fenugreek , Hamster , Nicotiana tabacum L. , Chlorocephus aethiops , Gynura procumbens , Mesocricetus auratus , Canis lupus familiaris , Homo s , Chlorocephus sabaeus , Boswellia carterii , Capra hircus , Danio rerio , Ctenopharyngodon idellus , Giardia duodenalis , Ovis aries , T. granosa , Yeast , Fenneropenaeus chinensis IHC: Mus musculus , Homo sapiens , Rattus norvegicus IF: Homo sapiens , Chlorocephus sabaeus , Sus scrofa , Mus musculus IP: Homo sapiens , Mus musculus Co-IP: Homo sapiens WB, IF: Mus musculus WB, IHC, IF: Homo sapiens ELISA: Ctenopharyngodon idellus
应用	WB IHC IF/ICC
推荐浓度	WB: 1:2000 - 1:10000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	31kDa/36kDa
实测分子量	36KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,HepG2,Mouse liver,Mouse spleen,Rat liver,Rat kidney
细胞定位	Cytoplasm,Membrane,Nucleus,cytoskeleton,cytosol,perinuclear region
纯化	Affinity purification

抗原信息

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序列	MGKVKVGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFIDLNYMVYMFQYDSTHGKFHGTVKAENGKLVINGNPITIFQERD PSKIKWGDAGA EYVVESTGVFTTMEKAG AHLQGGAKRVIISAPSADAPMFVMGVNHEKYDNSLKIISNASCTTNCLAPLAK VIHDNFGIVEGLMTTVHAITATQKTVDGPSGKLWRDGRGALQNIIPASTGAAKAVGKVIPELNGKLTGMAFRVPTANVSVV DLTCRLEKPAKYDDIKKVVKQASEGPLKGILGYTEHQVVSDFNSDTHSSTFDAGAGIALNDHFVKLISWYDNEFGYSNR VVDLMAHMASKE
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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.
基因ID	2597
基因名	GAPDH
Swiss	P04406
别名	G3PD;GAPD;HEL-S-162eP;GAPDH

产品验证

实验步骤

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