

GAPDH Mouse mAb

货号: **AYC25107**

产品信息

反应	Human,Mouse,Rat
宿主	Mouse
克隆性	Monoclonal
预测反应	<p>WB: Arabidopsis thaliana , Mus musculus , Rhinopithecus , Homo sapiens , Zika virus , Sus scrofa , Other , Rattus norvegicus , Carassius auratus , Gallus gallus , fenugreek , Hamster , Nicotiana tabacum L. , Chlorocebus aethiops , Gynura procumbens , Mesocricetus auratus , Canis lupus familiaris , Homo s , Chlorocebus sabaeus , Boswellia carterii , Capra hircus , Danio rerio , Ctenopharyngodon idellus , Giardia duodenalis , Ovis aries , T. granosa , Yeast , Fenneropenaeus chinensis</p> <p>IHC: Mus musculus , Homo sapiens , Rattus norvegicus</p> <p>IF: Homo sapiens , Chlorocebus sabaeus , Sus scrofa , Mus musculus</p> <p>IP: Homo sapiens , Mus musculus</p> <p>Co-IP: Homo sapiens</p> <p>WB, IF: Mus musculus</p> <p>WB, IHC, IF: Homo sapiens</p> <p>ELISA: Ctenopharyngodon idellus</p>
应用	WB IHC IF/ICC
推荐浓度	<p>WB: 1:2000 - 1:10000</p> <p>IHC: 1:50 - 1:200</p> <p>IF/ICC: 1:50 - 1:200</p>
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

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-335 of human GAPDH (P04406).
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序列	MGKVKVGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFIDLNYMVYMFQYDSTHGKFHGTVKAENGKLVINGNPITIFQERD PSKIKWGDAGAAYVVESTGVFTTMEKAGAHLQGGAKRVIISAPSADAPMFVMGVNHEKYDNLKIISNASCTTNCLAPLAK VIHDNFGIVEGLMTTVHAIATATQKTVDGPSGKLWRDGRGALQNIIPASTGAAKAVGKVIPELNGKLTGMAFRVPTANVSVV DLTCRLEKPAKYDDIKKVVVKQASEGPLKILGYTEHQVSSDFNSDTHSSTFDAGAGIALNDHFVKLISWYDNEFGYSNR 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 <i>E. coli</i> , <i>P. aeruginosa</i> , and <i>C. albicans</i> . 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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