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GAPDH (YD18773) Rabbit mAb

货号: AYD14510

产品信息

反应	Human,Mouse,Rat,Monkey,Cow,Chicken
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC
推荐浓度	**WB: 1:1000-1:5000:** **IHC-P: 1:200-1:500:** **ICC/IF: 1:100-1:200:** **FC: 1:100-1:200:**
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,Rat liver
细胞定位	Cytoplasm, cytosol, Nucleus, perinuclear region, Membrane, cytoskeleton
纯化	亲和纯化

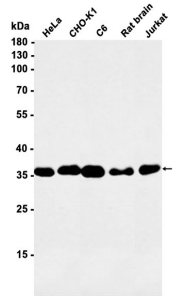
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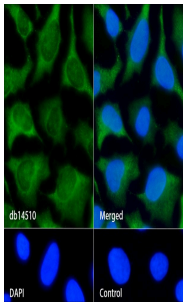
靶点信息

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 (https://www.uniprot.org/uniprotkb/P04406/entry)
别名	GAPDH (YD18773),GAPDH (YD18773) Rabbit mAb,GAPDH,Peptidyl-cysteine S-nitrosylase GAPDH,GAPD

产品验证



Western blot analysis of extracts from HeLa, CHO-K1, C6, Jurkat cells and Rat brain tissue using at 1:1000.



The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14510 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI.

实验步骤

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