

GAPDH

产品信息

产品名称	产品货号	产品规格
GAPDH	ORS0020PAb	100 μ l/50 μ l

产品简介

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. It 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 enzyme exists as a tetramer of identical chains. Besides its functioning as a glycolytic enzyme in cytoplasm, recent evidence suggest that mammalian GAPDH is also involved in a great number of intracellular processes such as membrane fusion, microtubule bundling, phosphotransferase activity, nuclear RNA export, DNA replication, and DNA repair. During the last decade a lot of findings appeared concerning the role of GAPDH in different pathologies including prostate cancer progression, programmed neuronal cell death, age-related neuronal diseases, such as Alzheimer

产品性质

Alias: G3PD; GAPD; MGC88685; Glyceraldehyde-3-phosphate dehydrogenase

Clonality: Monoclonal Antibody

Antibody Type: Loading Control Antibody

Swissprot: P04406

Clone: 1A10

Entrez GeneID: 2597

Host\Isotype: Mouse IgG1

Reactivity: Human, Mouse, Rat, Rabbit, Monkey

Purification: affinity purified by Protein G

Applications: WB=1/5000- 1/20000; IHC=1/200 - 1/1000; ICC=1/200 - 1/1000; FCM=1/200 - 1/400; ELISA=1/10000

Immunogen: Purified recombinant fragment of human GAPDH expressed in E. Coli.

Formulation: Purified antibody in PBS with 0.05% sodium azide.

Traits: liquid

Concentration: -

网站: <https://www.aoruisai.com> 手机号: 13061929181(微信)
<https://www.aoruicell.com> 13061929770(微信)

邮箱: sale4@aoruisai.com
sale5@aoruisai.com

电话: 021-57896695
 021-57875552

发票/服务/监督投诉电话: 13122716991



Storage: Store at 4° C short term. Aliquot and store at -20° C long term. Avoid freeze/thaw cycles.

注意事项:

1. This product is for scientific research purposes only.
2. Avoid repeated freeze-thaw cycles.
3. For your safety and health, please wear a lab coat and disposable gloves



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