

小鼠抗 GAPDH 单克隆抗体

- 中文名称： 小鼠抗 GAPDH 单克隆抗体
- 英文名称： Anti-GAPDH mouse monoclonal antibody
- 相关类别： 内参抗体
- 储 存： 冷冻（-20℃） 避光
- 宿 主： Mouse
- 抗 原： GAPDH
- 反应种属： Human, Mouse, Rat
- 标 记 物： Unconjugate
- 克隆类型： mouse monoclonal

技术规格

Background:

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 i

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| | 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. |
| Applications: | WB, IHC |
| Name of antibody: | GAPDH |
| Immunogen: | Fusion protein of human GAPDH |
| Full name: | glyceraldehyde-3-phosphate dehydrogenase |
| Synonyms: | G3PD; GAPD; HEL-S-162eP |
| SwissProt: | P04406 |
| IHC positive control: | Human ovarian cancer and Human breast cancer; Human esophagus cancer and Human lung cancer |
| IHC Recommend dilution: | 250-1000 |
| WB Predicted band size: | 36 kDa |
| WB Positive control: | Mouse brain tissue, Rat brain tissue, Human cerebrum tissue, Human cerebella tissue, PC-3 cell, Jurkat cell, HepG2 cell, Mouse skeletal muscle tissue lysates |
| WB Recommended dilution: | 1000-5000 |



