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MGMT Rabbit pAb

货号: **AYP12148**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	IHC: Human glioma tissue WB: HepG2 , Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	21kDa
实测分子量	22KDa
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	Jurkat,Mouse liver,Mouse spleen
细胞定位	Nucleus
纯化	Affinity purification

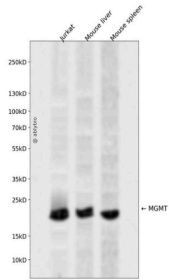
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 90-180 of human MGMT (NP_002403.2).
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靶点信息

研究背景	Alkylating agents are potent carcinogens that can result in cell death, mutation and cancer. The protein encoded by this gene is a DNA repair protein that is involved in cellular defense against mutagenesis and toxicity from alkylating agents. The protein catalyzes transfer of methyl groups from O(6)-alkylguanine and other methylated moieties of the DNA to its own molecule, which repairs the toxic lesions. Methylation of the genes promoter has been associated with several cancer types, including colorectal cancer, lung cancer, lymphoma and glioblastoma.
基因ID	4255
基因名	MGMT
Swiss	P16455 (https://www.uniprot.org/uniprotkb/P16455/entry)
别名	MGMT, MGMT Rabbit pAb, 6-O-methylguanine-DNA methyltransferase, O-6-methylguanine-DNA-alkyltransferase

产品验证



Western blot analysis of MGMT expressed in Jurkat, Mouse liver, Mouse spleen using MGMT Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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