

PGK1 Rabbit mAb

货号: **AYM29176**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF/ICC FC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	41kDa/44kDa
实测分子量	45kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-251MG,HepG2,HeLa,Mouse brain
细胞定位	Cytoplasm
纯化	Affinity purification

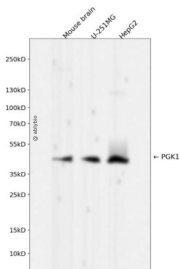
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human PGK1 .
序列	MSLSNKLTLDKLDVKGKRVVMRVDFNVPKNNQITNNQRIKAAVPSIKFCLDNGAKSVVLMShLGRPDGVPMPDKYSLE PVAVELKSLGKDVFLKDCVGPVEVEKACANPAAGSVILLENLRFHVEEEGKGDASGNKVKAEPKIEAFRASLSKLGDVY VNDAFGTAHRAHSSMVGVNLPQKAGGFLMKKELNYFAKALESPPFLAILGGAKVADKIQLINNMLDKVNEMIIGGGMA FTFLKVLNNMEIGTSLFDEEGAKIVKDLMSKAEKNGVKITLPVDFVTADKFDENAKTGQATVASGIPAGWMLDCCGPSS KKYAEAVTRAKQIVWNGPVGVFWEAFARGTKALMDEVVKATSRGCITIIGGGDTATCCAKWNTEDKVSHVSTGGGASL ELLEKVLPGVDALSNI

靶点信息

研究背景	The protein encoded by this gene is a glycolytic enzyme that catalyzes the conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate. The encoded protein may also act as a cofactor for polymerase alpha. Additionally, this protein is secreted by tumor cells where it participates in angiogenesis by functioning to reduce disulfide bonds in the serine protease, plasmin, which consequently leads to the release of the tumor blood vessel inhibitor angiostatin. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Deficiency of the enzyme is associated with a wide range of clinical phenotypes hemolytic anemia and neurological impairment. Pseudogenes of this gene have been defined on chromosomes 19, 21 and the X chromosome.
基因ID	5230
基因名	PGK1
Swiss	P00558
别名	PGK1;HEL-S-68p;MIG10;PGKA

产品验证



Western blot analysis of PGK1 expressed in Mouse brain,U-251MG,HepG2 using PGK1 Rabbit mAb 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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