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SHMT2 Rabbit pAb

货号: AYP23718

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	IHC IF/ICC IP
推荐浓度	**IHC:** 1:50 - 1:100 **IF/ICC1:50 - 1:200:** **IP:** 1:500 - 1:1000
理论分子量	53kDa/54kDa/55kDa
实测分子量	53kDa/54kDa/55kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,SW620
细胞定位	Mitochondrion,Mitochondrion inner membrane,Mitochondrion matrix,mitochondrion nucleoid
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 265-504 of human SHMT2 (NP_005403.2).

靶点信息

研究背景	This gene encodes the mitochondrial form of a pyridoxal phosphate-dependent enzyme that catalyzes th e reversible reaction of serine and tetrahydrofolate to glycine and 5,10-methylene tetrahydrofolate. The e ncoded product is primarily responsible for glycine synthesis. The activity of the encoded protein has bee n suggested to be the primary source of intracellular glycine. The gene which encodes the cytosolic form of this enzyme is located on chromosome 17. Alternative splicing results in multiple transcript variants.
基因ID	6472
基因名	SHMT2
Swiss	P34897 (https://www.uniprot.org/uniprotkb/P34897/entry)
别名	SHMT2,GLYA,HEL-S-51e,SHMT,serine hydroxymethyltransferase 2,SHMT2 Rabbit pAb,Glycine hydroxymet hyltransferase,Serine methylase

产品验证

实验步骤

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