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SHMT2 Rabbit pAb

货号: **AYP12187**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: A172 , Homo sapiens WB, IHC: Homo sapiens
应用	WB IHC IF/ICC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:50 - 1:200
理论分子量	53kDa/54kDa/55kDa
实测分子量	56KDa
形式	Liquid
保存条件	Store at -20°C. 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

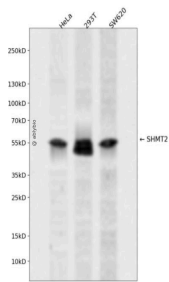
抗原信息

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

研究背景	This gene encodes the mitochondrial form of a pyridoxal phosphate-dependent enzyme that catalyzes the reversible reaction of serine and tetrahydrofolate to glycine and 5,10-methylene tetrahydrofolate. The encoded product is primarily responsible for glycine synthesis. The activity of the encoded protein has been 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, SHMT2 Rabbit pAb, Glycine hydroxymethyltransferase, Serine methylase

产品验证



Western blot analysis of SHMT2 expressed in HeLa, 293T, SW620 using SHMT2 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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