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Thymidine Kinase 1/TK1 (Phospho-Ser13) Antibody

货号: AYP4110

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC ELISA
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	25kDa
实测分子量	25-30 kDa
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	HeLa,293T,Jurkat,Mouse liver,Mouse spleen,Mouse stomach,Rat liver,Rat spleen,Rat stomach
细胞定位	Cytoplasm
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human Thymidine Kinase 1/TK1 (Phospho-Ser13).
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靶点信息

研究背景	The protein encoded by this gene is a cytosolic enzyme that catalyzes the addition of a gamma-phosphate group to thymidine. This creates dTMP and is the first step in the biosynthesis of dTTP, which is one component required for DNA replication. The encoded protein, whose levels fluctuate depending on the cell cycle stage, can act as a low activity dimer or a high activity tetramer. High levels of this protein have been used as a biomarker for diagnosing and categorizing many types of cancers.
基因ID	7083
基因名	TK1
Swiss	P04183 (https://www.uniprot.org/uniprotkb/P04183/entry)
别名	TK1,TK2,Thymidine Kinase 1/TK1 (Phospho-Ser13),Thymidine Kinase 1/TK1 (Phospho-Ser13) Antibody

产品验证

实验步骤

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