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TIGAR Rabbit pAb

货号: **AYP12857**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus , Homo sapiens
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200
理论分子量	30kDa
实测分子量	30kDa
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	293T,Mouse skeletal muscle,Rat skeletal muscle
细胞定位	cytoplasm,cytosol,mitochondrial outer membrane,nucleus
纯化	Affinity purification

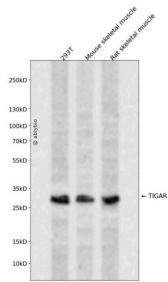
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human TIGAR (NP_065108.1).
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靶点信息

研究背景	This gene is regulated as part of the p53 tumor suppressor pathway and encodes a protein with sequence similarity to the bisphosphate domain of the glycolytic enzyme that degrades fructose-2,6-bisphosphate. The protein functions by blocking glycolysis and directing the pathway into the pentose phosphate shuttle. Expression of this protein also protects cells from DNA damaging reactive oxygen species and provides some protection from DNA damage-induced apoptosis. The 12p13.32 region that includes this gene is paralogous to the 11q13.3 region.
基因ID	57103
基因名	TIGAR
Swiss	Q9NQ88 (https://www.uniprot.org/uniprotkb/Q9NQ88/entry)
别名	FR2BP,C12orf5,TIGAR Rabbit pAb,TIGAR,TP53-induced glycolysis and apoptosis regulator,TP53-induced glycolysis regulatory phosphatase

产品验证



Western blot analysis of TIGAR expressed in 293T, Mouse skeletal muscle, Rat skeletal muscle using TIGAR 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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