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PTGDS Rabbit pAb

货号: **AYP17935**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:100 - 1:500 IF/ICC: 1:50 - 1:100
理论分子量	21kDa
实测分子量	28KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse heart
细胞定位	Cytoplasm,Golgi apparatus,Nucleus membrane,Rough endoplasmic reticulum,Secreted,perinuclear region
纯化	Affinity purification

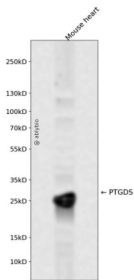
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 23-190 of human PTGDS (NP_000945.3).
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靶点信息

研究背景	The protein encoded by this gene is a glutathione-independent prostaglandin D synthase that catalyzes the conversion of prostaglandin H2 (PGH2) to prostaglandin D2 (PGD2). PGD2 functions as a neuromodulator or as well as a trophic factor in the central nervous system. PGD2 is also involved in smooth muscle contraction/relaxation and is a potent inhibitor of platelet aggregation. This gene is preferentially expressed in brain. Studies with transgenic mice overexpressing this gene suggest that this gene may be also involved in the regulation of non-rapid eye movement sleep.
基因ID	5730
基因名	PTGDS
Swiss	P41222 (https://www.uniprot.org/uniprotkb/P41222/entry)
别名	PTGDS,L-PGDS,LPGDS,PDS,PGD2,PGDS,PGDS2,PTGDS Rabbit pAb,Beta-trace protein,Cerebrin-28,Glutathione-independent PGD synthase,Lipocalin-type prostaglandin-D synthase,Prostaglandin-D2 synthase

产品验证



Western blot analysis of PTGDS expressed in Mouse heart using PTGDS 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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