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PDE9A Rabbit pAb

货号: AYT1174

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	**WB:** 1：500-1：2000 **IHC:** 1：50-1：200
理论分子量	50 kDa
实测分子量	68KD
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	
细胞定位	Cell projection , ruffle membrane . Cytoplasm , perinuclear region . Golgi apparatus . Endoplasmic reticulum . Cell membrane ,
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from human PDE9A

靶点信息

研究背景	Specifically hydrolyzes the second messenger cGMP , which is a key regulator of many important physiol ogical processes. Highly specific: compared to other members of the cyclic nucleotide phosphodiesterase family , has the highest affinity and selectivity for cGMP . Specifically regulates natriuretic-peptide-depen dent cGMP signaling in heart , acting as a regulator of cardiac hypertrophy in myocytes and muscle. Does not regulate nitric oxide-dependent cGMP in heart . Additional experiments are required to confirm wheth er its ability to hydrolyze natriuretic-peptide-dependent cGMP is specific to heart or is a general feature o f the protein (Probable) . In brain , involved in cognitive function , such as learning and long-term memory (By similarity) .
基因ID	5152
基因名	PDE9A
Swiss	
别名	HSPDE9A2, High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A, EC:3.1.4.35

产品验证

实验步骤

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