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HTR1D Rabbit pAb

货号: **AYP17989**

产品信息

反应	Human,Mouse,Rat
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: 1:100 - 1:200
理论分子量	41kDa
实测分子量	50kDa
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	U-251MG,SGC-7901,SH-SY5Y,Mouse brain,Mouse testis,Mouse stomach,Rat brain,Rat testis
细胞定位	Cell membrane,Multi-pass membrane protein
纯化	Affinity purification

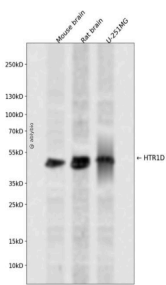
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human HTR1D (NP_000855.1).
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靶点信息

研究背景	G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for ergot alkaloid derivatives, various anxiolytic and antidepressant drugs and other psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity. Regulates the release of 5-hydroxytryptamine in the brain, and thereby affects neural activity. May also play a role in regulating the release of other neurotransmitters. May play a role in vasoconstriction.
基因ID	3352
基因名	HTR1D
Swiss	P28221 (https://www.uniprot.org/uniprotkb/P28221/entry)
别名	HTR1D,5-HT1D,HT1DA,HTR1DA,HTRL,RDC4,HTR1D Rabbit pAb,Serotonin 1D alpha receptor,Serotonin receptor 1D

产品验证



Western blot analysis of HTR1D expressed in Mouse brain, Rat brain, U-251MG using HTR1D 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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