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TPH1 Rabbit mAb

货号: AYM28641

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	50kDa/53kDa
实测分子量	51kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HL-60,SH-SY5Y,THP-1,Mouse brain,Rat brain
细胞定位	cytosol,neuron projection
纯化	Affinity purification

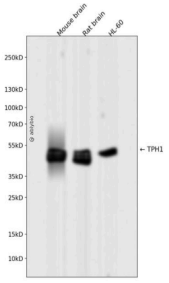
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human TPH1.

靶点信息

研究背景	This gene encodes a member of the aromatic amino acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene have been associated with an elevated risk for a variety of diseases and disorders, including schizophrenia, somatic anxiety, anger-related traits, bipolar disorder, suicidal behavior, addictions, and others.
基因ID	7166
基因名	TPH1
Swiss	P17752 (https://www.uniprot.org/uniprotkb/P17752/entry)
别名	TPH1,TPH1 Rabbit mAb,Tryptophan 5-monooxygenase 1,TPH,TPRH,TRPH

产品验证



Western blot analysis of TPH1 expressed in Mouse brain,Rat brain,HL-60 using TPH1 Rabbit mAb 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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