

Anti-Tryptophan Hydroxylase/TPH1 兔多克隆抗体

K1337572 -20°C


产品信息

蛋白质全称	色氨酸 5-羟化酶 1
别名	Tryptophan 5-monoxygenase 1, Tph1, Tph, L tryptophan hydroxylase, Indoleacetic acid 5 hydroxylase
免疫原	KLH 偶联的小鼠 Tryptophan Hydroxylase 合成肽
Uniprot ID	P17532
抗体亚型	IgG
纯化方式	亲和纯化
亚细胞定位	细胞质
预测分子量 / 观测分子量	51 kDa / 51 kDa

应用

WB 免疫印迹

物种: 小鼠, 大鼠
 稀释比: 1: 1000-1: 2000
 阳性样品: 肝

IHC/IF 免疫组织化学/免疫荧光

物种: 人
 稀释比: 1: 400-1: 800
 阳性样品:

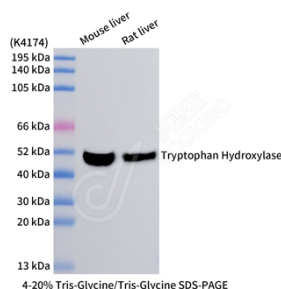
背景

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.

储存条件

储存条件: 自收到之日起 -20°C下储存一年, 避免反复冻融。
储存缓冲液: 含 0.15% ProClin300 防腐剂, 100 µg/mL 牛血清白蛋白和 50%甘油的磷酸盐缓冲液。

图像



WB 检测 Tryptophan Hydroxylase/TPH1 蛋白(货号 K1337572).
 样品: 经 RIPA 裂解液(货号 KSG2002)处理的蛋白质.
 封闭: 3%脱脂牛奶(货号 KSGC310001)溶于 TBST 溶液, 室温孵育 1 小时.
 一抗: 1: 1000 稀释, 4°C 孵育过夜.
 二抗: HRP 标记山羊抗兔 IgG (H+L) (货号 KB69909), 1: 5000 稀释, 室温孵育 1 小时.

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