

TPPP Rabbit mAb

货号: **AYM30741**

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 FC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	23kDa
实测分子量	25kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,Mouse brain,Mouse pancreas,Rat brain
细胞定位	Cytoplasm,Nucleus,cytoskeleton
纯化	Affinity purification

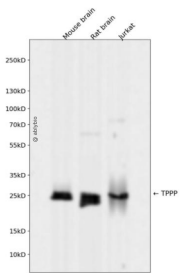
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human TPPP.
序列	MADKAKPAKAANRTPPKSPGDPSKDRAAKRLSLESEGAGEGAAASPELSALEEAFRRFAVHGDARATGREMHGKNWSK LCKDCQVIDGRNVTVTDVDIVFSKIKGKSCRTITFEQFQEALEELAKRFDKKSSEEAVREVHRLIEGKAPIISGVTKAISSPT VSRLDTTTKFTGSHKERFDPSGKGGKAGRVDLVDESGYVSGYKHAGTYDQKVQGGK

靶点信息

研究背景	Regulator of microtubule dynamics that plays a key role in myelination by promoting elongation of the myelin sheath. Acts as a microtubule nucleation factor in oligodendrocytes: specifically localizes to the postsynaptic Golgi apparatus region, also named Golgi outpost, and promotes microtubule nucleation, an important step for elongation of the myelin sheath. Required for both uniform polarized growth of distal microtubules as well as directing the branching of proximal processes. Shows magnesium-dependent GTPase activity; the role of the GTPase activity is unclear. In addition to microtubule nucleation activity, also involved in microtubule bundling and stabilization of existing microtubules, thereby maintaining the integrity of the microtubule network. Regulates microtubule dynamics by promoting tubulin acetylation: acts by inhibiting the tubulin deacetylase activity of HDAC6. Also regulates cell migration: phosphorylation by ROCK1 inhibits interaction with HDAC6, resulting in decreased acetylation of tubulin and increased cell motility. Plays a role in cell proliferation by regulating the G1/S-phase transition. Involved in astral microtubule organization and mitotic spindle orientation during early stage of mitosis; this process is regulated by phosphorylation by LIMK2.
基因ID	11076
基因名	TPPP
Swiss	O94811
别名	TPPP;TPPP/p25;TPPP1;p24;p25;p25alpha

产品验证



Western blot analysis of TPPP expressed in Mouse brain, Rat brain, Jurkat using TPPP 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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