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SARM1 Rabbit pAb

货号: AYP22906

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IP
推荐浓度	**WB:** 1:500 - 1:1000 **IP:** 1:500 - 1:1000
理论分子量	79kDa
实测分子量	73KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,SH-SY5Y
细胞定位	axon,cytoplasm,cytosol,dendrite,mitochondrion,synapse
纯化	Affinity purification

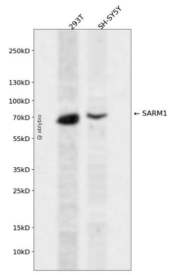
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 625-724 of human SARM1 (NP_055892.2).
序列	ALDKCMQDHDCKDWVHKEIVTALSCGKNIVPIIDGFEWPEPQVLPEDMQAVLTFNGIKWSHEYQEATIEKIIRFLQGRSSRDSSAGSDTSLEGAAPMGPT

靶点信息

研究背景	NAD(+ hydrolase, which plays a key role in axonal degeneration following injury by regulating NAD(+ metabolism. Acts as a negative regulator of MYD88- and TRIF-dependent toll-like receptor signaling pathway by promoting Wallerian degeneration, an injury-induced form of programmed subcellular death which involves degeneration of an axon distal to the injury site. Wallerian degeneration is triggered by NAD(+ depletion: in response to injury, SARM1 is activated and catalyzes cleavage of NAD(+ into ADP-D-ribose (ADPR, cyclic ADPR (cADPR and nicotinamide; NAD(+ cleavage promoting cytoskeletal degradation and axon destruction. Also able to hydrolyze NADP(+, but not other NAD(+-related molecules. Can activate neuronal cell death in response to stress. Regulates dendritic arborization through the MAPK4-JNK pathway (By similarity. Involved in innate immune response: inhibits both TICAM1/TRIF- and MYD88-dependent activation of JUN/AP-1, TRIF-dependent activation of NF-kappa-B and IRF3, and the phosphorylation of MAPK14/p38.
基因**ID**	23098
基因名	SARM1
Swiss	Q6SZW1
别名	SARM; HsTIR; SAMD2; hSARM1; MyD88-5

产品验证



Western blot analysis of SARM1 expressed in 293T,SH-SY5Y using SARM1 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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