

产品名称: MAP-2 Rabbit Polyclonal Antibody
产品货号: AP Rab13626



产品概述 (Summary)

产品名称 (Production Name)	MAP-2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAP2
别名 (Alternative Names)	MAP2; Microtubule-associated protein 2; MAP-2
基因 ID (Gene ID)	4133.0
蛋白 ID (SwissProt ID)	P11137.The antiserum was produced against synthesized peptide derived from human MAP-2. AA range:14-63

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	280kDa

研究背景 (Background)

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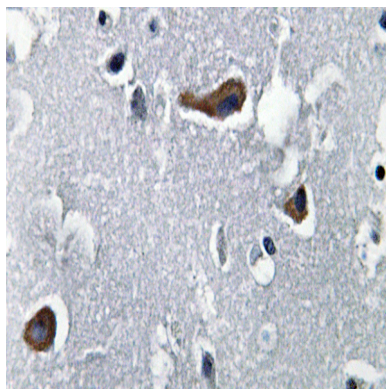


This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dendrites, implicating a role in determining and stabilizing dendritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described. [provided by RefSeq, Jan 2010], alternative products: Additional isoforms seem to exist, function: The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules., PTM: MAP2A/c is phosphorylated. Phosphorylated upon DNA damage, probably by ATM or ATR., similarity: Contains 3 Tau/MAP repeats., similarity: Contains 4 Tau/MAP repeats.,

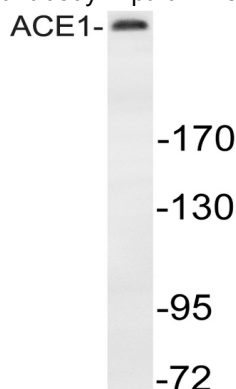
研究领域 (Research Area)

Neuroscience

图片 (Image Data)



Immunohistochemistry analysis of MAP-2 antibody in paraffin-embedded human brain tissue.



Western blot analysis of lysate from mouse brain, using MAP-2 antibody.

注意事项 (Note)

For research use only .