

产品名称: P311 Rabbit Polyclonal Antibody
产品货号: APRab15613



产品概述 (Summary)

产品名称 (Production Name)	P311 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	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)	NREP
别名 (Alternative Names)	NREP; C5orf13; P311; Neuronal regeneration-related protein; Neuronal protein 3.1; Protein p311
基因 ID (Gene ID)	9315.0
蛋白 ID (SwissProt ID)	Q16612. The antiserum was produced against synthesized peptide derived from human C5orf13. AA range: 13-62

产品应用 (Application)

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

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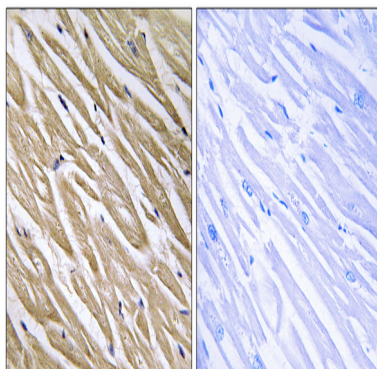
研究背景 (Background)

P311, also known as C5orf13 (chromosome 5 open reading frame 13), D4S114, PTZ17 or PRO1873, is a 68 amino acid cytoplasmic protein involved in cellular differentiation, neural function and axonal regeneration. Found in the granular layer of the cerebellum, P311 is expressed at lower levels in hippocampus, olfactory bulb, kidney, liver and heart and when expressed ectopically, P311 augments glioma motility. P311 is enriched in mice within the superficial cortical layers and striatum at E20 and the germinal zones at E17. Known to interact with Filamin 1, P311 regulates retinoic-acid lipid-droplet biogenesis, induces myofibroblast amoeboid migration and the differentiation of fibroblasts into myofibroblasts. Ser-59 phosphorylation decreases P311 stability; the gene encoding P311 maps to human chromosome 5q22. regulation of transforming growth factor beta receptor signaling pathway,

研究领域 (Research Area)

Cardiovascular; Lipids / Lipoproteins; Adipose Related; Lipid Droplet Protein; Cell Biology; Cell Cycle; Cell differentiation; Signal Transduction; Metabolism; Lipid metabolism; Neuroscience; Neurology process; Neuroregeneration

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human heart tissue, using C5orf13 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .