

产品名称: Neuralized-2 Rabbit Polyclonal Antibody
产品货号: APRab14591



产品概述 (Summary)

产品名称 (Production Name)	Neuralized-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

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)	NEURL2
别名 (Alternative Names)	NEURL2; C20orf163; Neuralized-like protein 2
基因 ID (Gene ID)	140825.0
蛋白 ID (SwissProt ID)	Q9BR09.The antiserum was produced against synthesized peptide derived from human NEURL2. AA range:99-148

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)	36kDa

研究背景 (Background)

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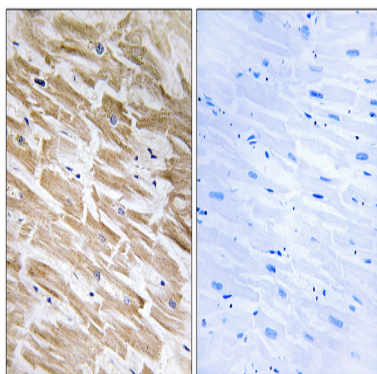


This gene encodes a protein that is involved in the regulation of myofibril organization. This protein is likely the adaptor component of the E3 ubiquitin ligase complex in striated muscle, and it regulates the ubiquitin-mediated degradation of beta-catenin during myogenesis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jun 2013],domain:The SOCS domain mediates the interaction with TCEB1 and TCEB2, while the NHR domain may be involved in ubiquitination substrate binding.,function:Plays an important role in the process of myofiber differentiation and maturation. Probable substrate-recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex, which mediates the ubiquitination of proteins. Probably contributes to catalysis through recognition and positioning of the substrate and the ubiquitin-conjugating enzyme. During myogenesis, controls the ubiquitination and degradation of the specific pool of CTNNB1/beta-catenin located at the sarcolemma.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 NHR (neuralized homology repeat) domain.,similarity:Contains 1 SOCS box domain.,subunit:Probable component the ECS(NEURL2) E3 ubiquitin-protein ligase complex consisting of TCEB2/Elongin B, TCEB1/Elongin C, CUL5, RBX1 and NEURL2. Interacts with CTNNB1.,tissue specificity:Expressed specifically in skeletal and cardiac muscles.,

研究领域 (Research Area)

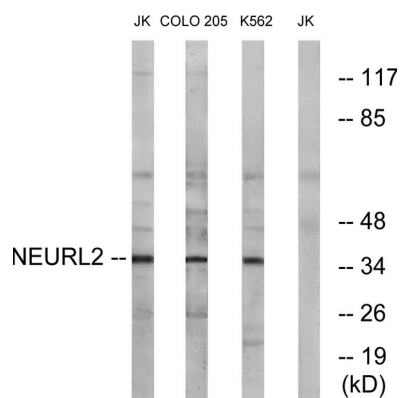
Epigenetics and Nuclear Signaling; Ubiquitin & Ubiquitin Like Modifiers; E3 Ubiquitin Ligases

图片 (Image Data)

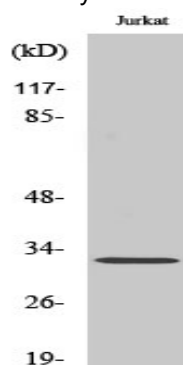


Immunohistochemistry analysis of paraffin-embedded human heart tissue, using NEURL2 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from Jurkat, COLO, and K562 cells, using NEURL2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Neuralized-2 Polyclonal Antibody

注意事项 (Note)

For research use only .