

产品名称: Dorfin Rabbit Polyclonal Antibody
产品货号: APRab10119



产品概述 (Summary)

产品名称 (Production Name)	Dorfin Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	RNF19A
别名 (Alternative Names)	RNF19A; RNF19; E3 ubiquitin-protein ligase RNF19A; Double ring-finger protein; Dorfin; RING finger protein 19A; p38
基因 ID (Gene ID)	25897.0
蛋白 ID (SwissProt ID)	Q9NV58.The antiserum was produced against synthesized peptide derived from human RNF19A. AA range:51-100

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	90kDa

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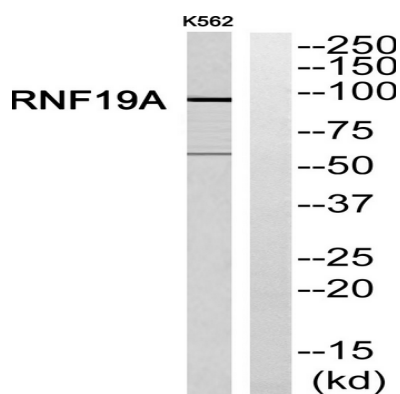


研究背景 (Background)

This gene encodes a member of the ring between ring fingers (RBR) protein family, and the encoded protein contains two RING-finger motifs and an in between RING fingers motif. This protein is an E3 ubiquitin ligase that is localized to Lewy bodies, and ubiquitylates synphilin-1, which is an interacting protein of alpha synuclein in neurons. The encoded protein may be involved in amyotrophic lateral sclerosis and Parkinson's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],function:E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates, such as SNCAIP or CASR. Specifically ubiquitinates pathogenic SOD1 variants, which leads to their proteasomal degradation and to neuronal protection.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the RBR family. RNF19 subfamily.,similarity:Contains 1 IBR-type zinc finger.,similarity:Contains 2 RING-type zinc fingers.,subcellular location:Present in the hyaline inclusion bodies specifically found in motor neurons from amyotrophic lateral sclerosis patients. Present in the Lewy bodies specifically found in neurons from Parkinson disease patients.,subunit:Interacts with UBE2L3 and UBE2L6. Interacts with transcription factor Sp1. Interacts with VCP, CASR, SNCAIP and with some SOD1 variants which cause amyotrophic lateral sclerosis, but not with wild-type SOD1.,tissue specificity:Widely expressed, with highest levels in heart. Ubiquitously expressed in the central nervous system.,

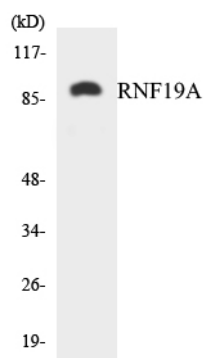
研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of RNF19A Antibody. The lane on the right is blocked with the RNF19A peptide.

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Western blot analysis of the lysates from Jurkat cells using RNF19A antibody.

注意事项 (Note)

For research use only .