

产品名称: ARA54 Rabbit Polyclonal Antibody
产品货号: AP Rab07087



产品概述 (Summary)

产品名称 (Production Name)	ARA54 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,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)	RNF14
别名 (Alternative Names)	RNF14; ARA54; HRIHFB2038; E3 ubiquitin-protein ligase RNF14; Androgen receptor-associated protein 54; HFB30; RING finger protein 14; Triad2 protein
基因 ID (Gene ID)	9604.0
蛋白 ID (SwissProt ID)	Q9UBS8.The antiserum was produced against synthesized peptide derived from human RNF14. AA range:361-410

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)	50kDa

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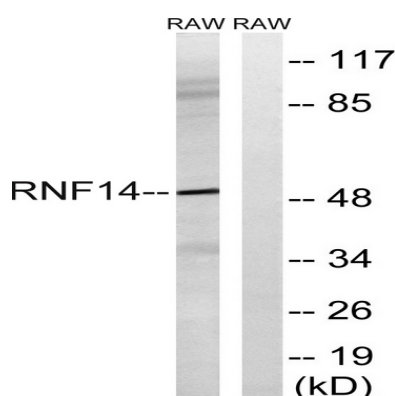


研究背景 (Background)

The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein interacts with androgen receptor (AR) and may function as a coactivator that induces AR target gene expression in prostate. A dominant negative mutant of this gene has been demonstrated to inhibit the AR-mediated growth of prostate cancer. This protein also interacts with class III ubiquitin-conjugating enzymes (E2s) and may act as a ubiquitin-ligase (E3) in the ubiquitination of certain nuclear proteins. Six alternatively spliced transcript variants encoding two distinct isoforms have been reported. [provided by RefSeq, Jan 2011],caution:Lacks the His residue in the RING-type domain 2 that is one of the conserved features of the family.,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,domain:The N-terminal destruction box (D-box) acts as a recognition signal for degradation via the ubiquitin-proteasome pathway.,domain:The RING-type zinc finger is essential for the interaction with UBE2E2.,function:Might act as an E3 ubiquitin-protein ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes and then transfers it to substrates, which could be nuclear proteins. Could play a role as a coactivator for androgen- and, to a lesser extent, progesterone-dependent transcription.,pathway:Protein modification; protein ubiquitination.,PTM:RING-type zinc finger-dependent and UBE2E2-dependent autoubiquitination.,similarity:Belongs to the RBR family. RNF14 subfamily.,similarity:Contains 1 IBR-type zinc finger.,similarity:Contains 1 RWD domain.,similarity:Contains 2 RING-type zinc fingers.,subunit:Interacts with the ubiquitin-conjugating enzymes UBE2E1 and UBE2E2 and in the presence of testosterone, with the androgen receptor (AR).,tissue specificity:Widely expressed.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from RAW264.7 cells, using RNF14 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .

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