

产品名称: IL-15R α Rabbit Polyclonal Antibody

产品货号: APRab12502

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,ELISA
种属反应(Reactivity)	Human,Rat
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
分子量(Molecular Weight)	32kDa

抗原信息(Antigen Information)

基因名(Gene Name)	IL15RA
别名(Alternative Names)	IL15RA; Interleukin-15 receptor subunit alpha; IL-15 receptor subunit alpha; IL-15R-alpha; IL-15RA; CD antigen CD215
基因 ID(Gene ID)	3601.0
SwissProt ID	Q13261
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human IL15RA. AA range:99-148

研究背景 (Background)

This gene encodes a cytokine receptor that specifically binds interleukin 15 (IL15) with high affinity. The receptors of IL15 and

IL2 share two subunits, IL2R beta and IL2R gamma. This forms the basis of many overlapping biological activities of IL15 and IL2. The protein encoded by this gene is structurally related to IL2R alpha, an additional IL2-specific alpha subunit necessary for high affinity IL2 binding. Unlike IL2RA, IL15RA is capable of binding IL15 with high affinity independent of other subunits, which suggests distinct roles between IL15 and IL2. This receptor is reported to enhance cell proliferation and expression of apoptosis inhibitor BCL2L1/BCL2-XL and BCL2. Multiple alternatively spliced transcript variants of this gene have been reported.[provided by RefSeq, Apr 2010],function:Receptor for interleukin-15. Expression of different isoforms may alter or interfere with signal transduction. Isoform 6, isoform 7, isoform 8 and isoform 9 do not bind IL15. Signal transduction involves STAT3, STAT5, STAT6, JAK2 (By similarity) and SYK.,PTM:A soluble form (sIL-15RA) arises from proteolytic shedding of the membrane-anchored receptor. The cleavage involves ADAM17/TACE (By similarity). It also binds IL-15 and thus interferes with IL-15 binding to the membrane receptor.,PTM:N-glycosylated and O-glycosylated.,PTM:Phosphorylated by activated SYK.,similarity:Contains 1 Sushi (CCP/SCR) domain.,subcellular location:Isoform 6, isoform 7, isoform 8 and isoform 9 are associated with endoplasmic reticulum, Golgi and cytoplasmic vesicles, but not with the nuclear membrane.,subcellular location:Mainly found associated with the nuclear membrane.,subunit:The interleukin-15 receptor IL15R is a heterotrimer of IL15RA, IL2RB and IL2RG. IL15RA also self-associates (By similarity). Interacts with SYK.,tissue specificity:Isoform 1, isoform 3, isoform 4, isoform 5, isoform 6, isoform 7, isoform 8 and isoform 9 are widely expressed. Expressed in fetal brain with higher expression in the hippocampus and cerebellum than in cortex and thalamus. Higher levels of soluble sIL-15RA form in comparison with membrane-bound forms is present in all brain structures.,

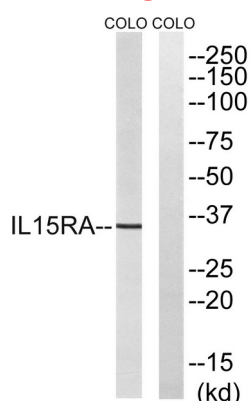
研究领域 (Research Area)

Cytokine-cytokine receptor interaction;Jak_STAT;Intestinal immune network for IgA production;

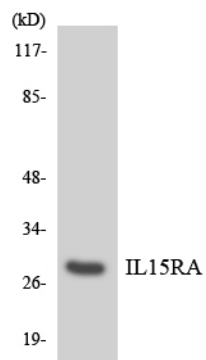
注意事项 (Note)

For research use only.

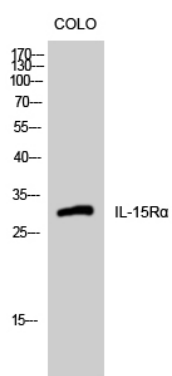
图片 (Image Data)



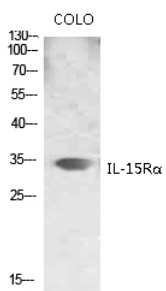
Western blot analysis of lysates from COLO cells, using IL15RA Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using IL15RA antibody.



Western Blot analysis of COLO cells using IL-15R α Polyclonal Antibody



Western blot analysis of various lysis using IL-15R α Polyclonal Antibody. Secondary antibody was diluted at 1:20000

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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