

产品名称: ST2 Rabbit Polyclonal Antibody
产品货号: APRab18320



产品概述 (Summary)

产品名称 (Production Name)	ST2 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,Rat,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)	IL1RL1 DER4 ST2 T1
别名 (Alternative Names)	Interleukin-1 receptor-like 1 (Protein ST2)
基因 ID (Gene ID)	9173.0
蛋白 ID (SwissProt ID)	Q01638.Synthetic peptide from human protein at AA range: 251-300

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse

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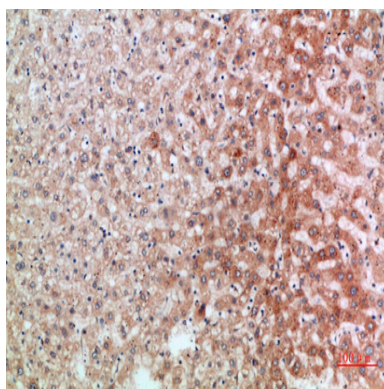


suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008],function:Receptor for interleukin-33 (IL-33), its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. Possibly involved in helper T-cell function.,similarity:Belongs to the interleukin-1 receptor family.,similarity:Contains 1 TIR domain.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Interacts with MYD88, IRAK1, IRAK4, and TRAF6.,tissue specificity:Highly expressed in kidney, lung, placenta, stomach, skeletal muscle, colon and small intestine. Expression of isoform A is prevalent in the lung, testis, placenta, stomach and colon. However, isoform B is more abundant in the brain, kidney and the liver. Isoform C is not detected in brain, heart, liver, kidney and skeletal muscle.,

研究领域 (Research Area)

Cardiovascular; Angiogenesis; Cytokines; Interleukin; Immunology; Innate Immunity; Heart; Hypertrophy; TLR Signaling

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200

注意事项 (Note)

For research use only .