

产品名称: IL-33 Rabbit Polyclonal Antibody
产品货号: APRab12554



产品概述 (Summary)

产品名称 (Production Name)	IL-33 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)	IL33
别名 (Alternative Names)	IL33; C9orf26; IL1F11; NFHEV; Interleukin-33; IL-33; Interleukin-1 family member 11; IL-1F11; Nuclear factor from high endothelial venules; NF-HEV
基因 ID (Gene ID)	90865.0
蛋白 ID (SwissProt ID)	O95760.The antiserum was produced against synthesized peptide derived from the Internal region of human IL33. AA range:121-170

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	31kDa

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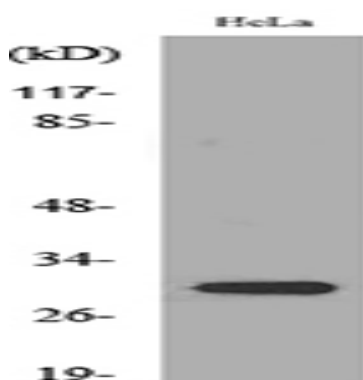
研究背景 (Background)

The protein encoded by this gene is a cytokine that binds to the IL1RL1/ST2 receptor. The encoded protein is involved in the maturation of Th2 cells and the activation of mast cells, basophils, eosinophils and natural killer cells. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015],caution:Was originally (PubMed:12819012) thought to one of the key factors that controls the specialized post-capillary high endothelial venules (HEV) phenotype found in organized secondary lymphoid tissue and to be nuclear localized.,function:Cytokine that binds to and signals through IL1RL1/ST2 and its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. Induces T helper type 2-associated cytokines.,PTM:Proteolytically converted to a mature form by CASP1.,similarity:Belongs to the IL-1 family. Highly divergent.,tissue specificity:Expressed at high level in high endothelial venules found in tonsils, Peyer patches and mesenteric lymph nodes. Almost undetectable in placenta.,

研究领域 (Research Area)

Cytosolic DNA-sensing pathway;

图片 (Image Data)

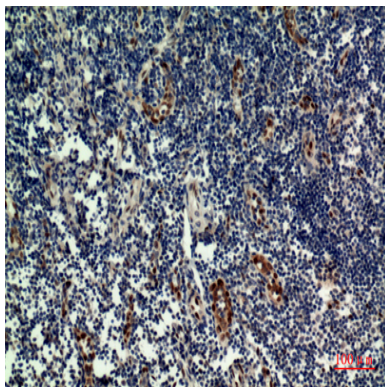


Western blot analysis of lysate from HeLa cells, using IL33 Antibody.

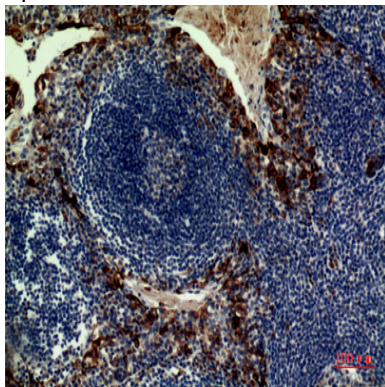


Western Blot analysis of HeLa cells using IL-33 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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Immunohistochemical analysis of paraffin-embedded human-tonsilla, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-tonsilla, antibody was diluted at 1:100

注意事项 (Note)

For research use only .