

产品名称: Tyk 2 Rabbit Polyclonal Antibody
产品货号: APRab19465



产品概述 (Summary)

产品名称 (Production Name)	Tyk 2 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,Mouse,Monkey

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)	TYK2
别名 (Alternative Names)	TYK2; Non-receptor tyrosine-protein kinase TYK2
基因 ID (Gene ID)	7297.0
蛋白 ID (SwissProt ID)	P29597.The antiserum was produced against synthesized peptide derived from human TYK2. AA range:1020-1069

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	134kDa

研究背景 (Background)

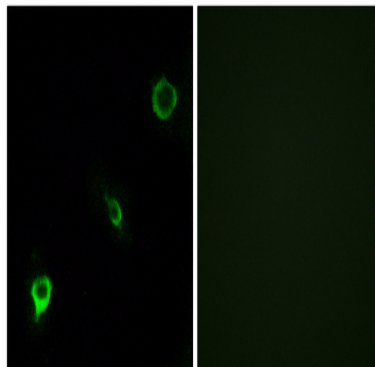
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tyrosine kinase 2(TYK2) Homo sapiens This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with hyperimmunoglobulin E syndrome (HIES) - a primary immunodeficiency characterized by elevated serum immunoglobulin E. [provided by RefSeq, Jul 2008],catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,disease:Defects in TYK2 are the cause of protein-tyrosine kinase 2 deficiency (TYK2 deficiency) [MIM:611521]; also called autosomal recessive hyper-IgE syndrome (HIES) with atypical mycobacteriosis. The syndrome consists of a primary immunodeficiency characterized by recurrent skin abscesses, pneumonia, and highly elevated serum IgE.,domain:The FERM domain mediates interaction with JAKMIP1.,function:Probably involved in intracellular signal transduction by being involved in the initiation of type I IFN signaling. Phosphorylates the interferon-alpha/beta receptor alpha chain.,online information:TYK2 mutation db,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. JAK subfamily.,similarity:Contains 1 FERM domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,subunit:Interacts with JAKMIP1.,tissue specificity:Observed in all cell lines analyzed. Expressed in a variety of lymphoid and non-lymphoid cell lines.,

研究领域 (Research Area)

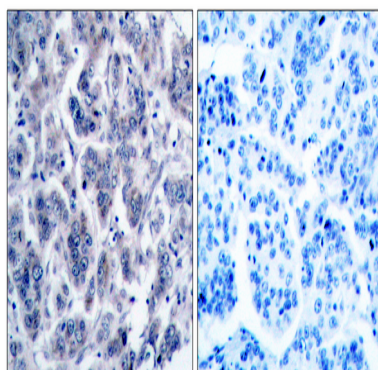
Jak_STAT;

图片 (Image Data)

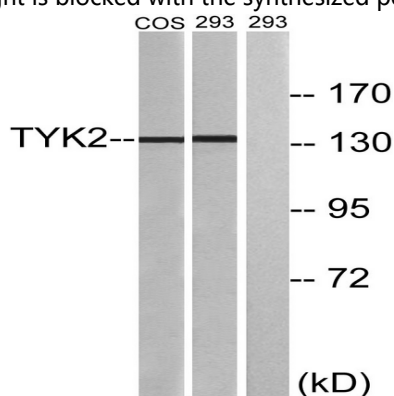


Immunofluorescence analysis of COS7 cells, using TYK2 Antibody. The picture on the right is blocked with the synthesized peptide.

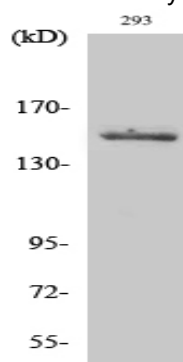
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Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TYK2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 and COS7 cells, treated with heat shock, using TYK2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Tyk 2 Polyclonal Antibody diluted at 1: 2000. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .