

**产品名称: IRF-7 (phospho-Ser477) Rabbit Polyclonal Antibody**  
**产品货号: APRab04872**



## 产品概述 (Summary)

产品名称 (Production Name)	IRF-7 (phospho-Ser477) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Rat,Mouse

## 产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	IRF7
别名 (Alternative Names)	Interferon regulatory factor 7 (IRF-7)
基因 ID (Gene ID)	3665.0
蛋白 ID (SwissProt ID)	Q92985.Synthesized phospho peptide around human IRF-7 (Ser477)

## 产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	55kDa

## 研究背景 (Background)

**产品名称: IRF-7 (phospho-Ser477) Rabbit Polyclonal Antibody**  
**产品货号: APRab04872**

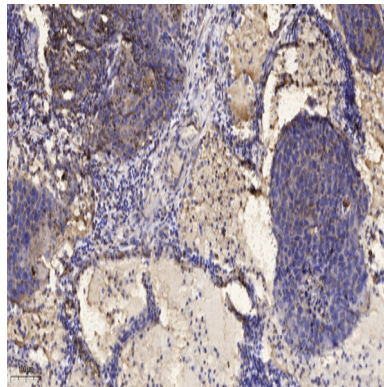


IRF7 encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established. [provided by RefSeq, Jul 2008],function:Transcriptional activator. Binds to the interferon-stimulated response element (ISRE) in IFN promoters and in the Q promoter (Qp) of EBV nuclear antigen 1 (EBNA1). Functions as a molecular switch for antiviral activity. Activated by phosphorylation in response to infection. Activation leads to nuclear retention, DNA binding, and derepression of transactivation ability.,induction:By type I interferons.,PTM:In response to a viral infection, phosphorylated on the C-terminal serine cluster. Phosphorylation, and subsequent activation is inhibited by vaccinia virus protein E3.,similarity:Belongs to the IRF family.,similarity:Contains 1 tryptophan pentad repeat DNA-binding domain.,subcellular location:The phosphorylated and active form accumulates selectively in the nucleus.,subunit:Homodimer; phosphorylation-induced. Interacts with TICAM1 and TICAM2. Interacts with rotavirus A NSP1; this interaction leads to the proteasome-dependent degradation of IRF7. Interacts with Epstein-Barr virus LF2.,tissue specificity:Expressed predominantly in spleen, thymus and peripheral blood leukocytes.,

## 研究领域 (Research Area)

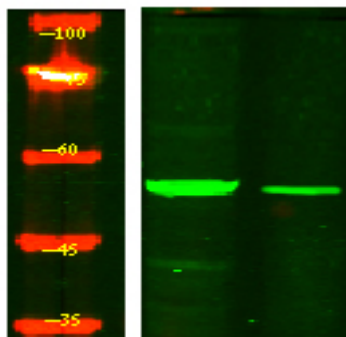
Toll\_Like;RIG-I-like receptor;Cytosolic DNA-sensing pathway;

## 图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200 (4° overnight) . 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

产品名称: IRF-7 (phospho-Ser477) Rabbit Polyclonal  
Antibody  
产品货号: APRab04872



Western Blot analysis of HeLa treated or untreated by LPS lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000

#### 注意事项 (Note)

For research use only .