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# USP18 Rabbit pAb

货号: **AYP13475**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:1000 - 1:5000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	43kDa
实测分子量	34KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,Mouse liver
细胞定位	cytosol,nucleus
纯化	Affinity purification

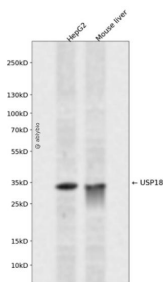
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 200-300 of human USP18 (NP_059110.2).
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## 靶点信息

研究背景	The protein encoded by this gene belongs to the ubiquitin-specific proteases (UBP) family of enzymes that cleave ubiquitin from ubiquitinated protein substrates. It is highly expressed in liver and thymus, and is localized to the nucleus. This protein efficiently cleaves only ISG15 (a ubiquitin-like protein) fusions, and deletion of this gene in mice results in a massive increase of ISG15 conjugates in tissues, indicating that this protein is a major ISG15-specific protease. Mice lacking this gene are also hypersensitive to interferon, suggesting a function of this protein in downregulating interferon responses, independent of its isopeptidase activity towards ISG15.
基因ID	11274
基因名	USP18
Swiss	Q9UMW8 ( <a href="https://www.uniprot.org/uniprotkb/Q9UMW8/entry">https://www.uniprot.org/uniprotkb/Q9UMW8/entry</a> )
别名	USP18,ISG43,UBP43,PTORCH2,USP18 Rabbit pAb,43 kDa ISG15-specific protease,ISG15-specific-processing protease,Ubl thioesterase 18

## 产品验证



Western blot analysis of USP18 expressed in HepG2, Mouse liver using USP18 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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