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# PSMB2 Rabbit pAb

货号: **AYP19259**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Polyclonal  |
| 预测反应  |   |
| 应用    | WB IHC IF/ICC IP  |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200<br><b>IP:</b> 1:500 - 1:1000 |
| 理论分子量 | 22kDa   |
| 实测分子量 | 23kDa   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.            |
| 偶联物   | Unconjugated  |
| 阳性对照  | 22Rv1,U-937,K-562,U-87MG,HT-29,HeLa,A673,BT-474   |
| 细胞定位  | Cytoplasm,Nucleus   |
| 纯化    | Affinity purification   |

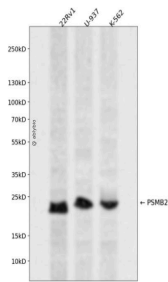
## 抗原信息

|      |   |
|------|---|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-201 of human PSMB2 (NP_002785.1). |
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## 靶点信息

|       |  |
|-------|--|
| 研究背景  | The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. |
| 基因ID  | 5690   |
| 基因名   | PSMB2  |
| Swiss | P49721 ( <a href="https://www.uniprot.org/uniprotkb/P49721/entry">https://www.uniprot.org/uniprotkb/P49721/entry</a> )   |
| 别名    | PSMB2,HC7-I,PSMB2 Rabbit pAb,Macropain subunit C7-I,Multicatalytic endopeptidase complex subunit C7-I,Proteasome component C7-I,Proteasome subunit beta-4  |

## 产品验证



Western blot analysis of PSMB2 expressed in 22Rv1,U-937,K-562 using PSMB2 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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