

# FAT10/UBD Rabbit pAb

货号: **AYP19340**

## 产品信息

|       |  |
|-------|--|
| 反应    | Human,Mouse,Rat  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  |  |
| 应用    | IF/ICC   |
| 推荐浓度  | <b>IF/ICC:</b> 1:50 - 1:200  |
| 理论分子量 | 18kDa  |
| 实测分子量 | 18kDa  |
| 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  | TNF alpha and IFN gamma treated HepG2 cells  |
| 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 1-165 of human FAT10/<br>FAT10/UBD (NP_006389.2).  |
| 序列   | MAPNASCLCVHVRSEEWDLMTFDANPYDSVKKIKEHVRSKTKVPVQDQVLLLGSKILKPRRSLSSYGIDKEKTIHLTLKVVK<br>PSDEELPLFLVESGDEAKRHLLQVRRSSVAQVKAMIEKTKGIIPETQIVTCNGKRLEDGKMMADYGIRKGNLLFLACYCIG<br>G |

## 靶点信息

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|-------|---|
| 研究背景  | Ubiquitin-like protein modifier which can be covalently attached to target protein and subsequently leads to their degradation by the 26S proteasome, in a NUB1-dependent manner. Probably functions as a survival factor. Conjugation ability activated by UBA6. Promotes the expression of the proteasome subunit beta type-9 (PSMB9/LMP2. Regulates TNF-alpha-induced and LPS-mediated activation of the central mediator of innate immunity NF-kappa-B by promoting TNF-alpha-mediated proteasomal degradation of ubiquitinated I-kappa-B-alpha. Required for TNF-alpha-induced p65 nuclear translocation in renal tubular epithelial cells (RTECs. May be involved in dendritic cell (DC maturation, the process by which immature dendritic cells differentiate into fully competent antigen-presenting cells that initiate T-cell responses. Mediates mitotic non-disjunction and chromosome instability, in long-term in vitro culture and cancers, by abbreviating mitotic phase and impairing the kinetochore localization of MAD2L1 during the prometaphase stage of the cell cycle. May be involved in the formation of aggresomes when proteasome is saturated or impaired. Mediates apoptosis in a caspase-dependent manner, especially in renal epithelium and tubular cells during renal diseases such as polycystic kidney disease and Human immunodeficiency virus (HIV-associated nephropathy (HIVAN). |
| 基因ID  | 10537   |
| 基因名   | UBD   |
| Swiss | O15205  |
| 别名    | UBD;FAT10;GABBR1;UBD-3  |

#### 产品验证

#### 实验步骤

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