

UFL1 Rabbit pAb

货号: **AYP22894**

产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB IF/ICC |
| 推荐浓度 | WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200 |
| 理论分子量 | 89kDa |
| 实测分子量 | 90KDa |
| 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,Rat liver |
| 细胞定位 | cytoplasm,cytosol,endoplasmic reticulum,neuron projection,nucleus |
| 纯化 | Affinity purification |

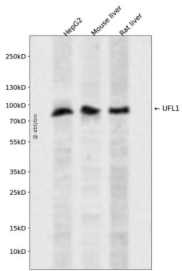
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 601-794 of human UFL1 (NP_056138.1). |
| 序列 | AAITSEIRKKILSKLSEETKVALTKLHNSLNEKSIEDFISCLDSAAEACDIMVKGDKKRERQILFQHRQALAEQLKVTEDPALI LHLTSVLLFQFSTHSMHAPGRCVPQIIAFLNSKIPEDQHALLVKYQGLVVKQLVVSQSKKTGGDYPLNNELDKEQEDVAS TTRKELQELSSSIKDLVLKSRKSSVTEE |

靶点信息

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| 研究背景 | E3 protein ligase that mediates ufmylation, the covalent attachment of the ubiquitin-like modifier UFM1 to lysine residues on target proteins, and which plays a key role in reticulophagy (also called ER-phagy induced in response to endoplasmic reticulum stress. In response to endoplasmic reticulum stress, recruited to the endoplasmic reticulum membrane by DDRGK1, and mediates ufmylation of proteins such as RPN1 and RPL26/uL24, thereby promoting reticulophagy of endoplasmic reticulum sheets. Ufmylation-dependent reticulophagy inhibits the unfolded protein response (UPR via ERN1/IRE1-alpha. Ufmylation in response to endoplasmic reticulum stress is essential for processes such as hematopoiesis, blood vessel morphogenesis or inflammatory response. Regulates inflammation in response to endoplasmic reticulum stress by promoting reticulophagy, leading to inhibit the activity of the NF-kappa-B transcription factor (By similarity). |
| 基因ID | 23376 |
| 基因名 | UFL1 |
| Swiss | O94874 |
| 别名 | NLBP; RCAD; Maxer; KIAA0776 |

产品验证



Western blot analysis of UFL1 expressed in HepG2, Mouse liver, Rat liver using UFL1 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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