

— ABLYBIO, Help Your Research



UBA1 (YD36095) Rabbit mAb

货号: **AYD16330**

产品信息

| | |
|-------|---|
| 反应 | Human, Mouse, Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC-P ICC/IF FC |
| 推荐浓度 | |
| 理论分子量 | 118kDa/118kDa/118kDa |
| 实测分子量 | |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA, 50% glycerol, pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | |
| 细胞定位 | Cytoplasm, Mitochondrion, Nucleus |
| 纯化 | 亲和纯化 |

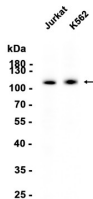
抗原信息

| | |
|------|--|
| 抗原信息 | |
|------|--|

靶点信息

| | |
|-------|--|
| 研究背景 | Catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation through the ubiquitin-proteasome system (PubMed:1447181, PubMed:1606621, PubMed:33108101). Activates ubiquitin by first adenylating its C-terminal glycine residue with ATP, and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding a ubiquitin-E1 thioester and free AMP (PubMed:1447181). Essential for the formation of radiation-induced foci, timely DNA repair and for response to replication stress. Promotes the recruitment of TP53BP1 and BRCA1 at DNA damage sites (PubMed:22456334) Catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation through the ubiquitin-proteasome system (PubMed:1511901). Activates ubiquitin by first adenylating its C-terminal glycine residue with ATP, and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding a ubiquitin-E1 thioester and free AMP. Essential for the formation of radiation-induced foci, timely DNA repair and for response to replication stress. Promotes the recruitment of TP53BP1 and BRCA1 at DNA damage sites Catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation through the ubiquitin-proteasome system. Activates ubiquitin by first adenylating its C-terminal glycine residue with ATP, and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding a ubiquitin-E1 thioester and free AMP. Essential for the formation of radiation-induced foci, timely DNA repair and for response to replication stress. Promotes the recruitment of TP53BP1 and BRCA1 at DNA damage sites |
| 基因ID | 7317 |
| 基因名 | UBA1, Uba1 |
| Swiss | P22314 (https://www.uniprot.org/uniprotkb/P22314/entry), Q02053 (https://www.uniprot.org/uniprotkb/Q02053/entry), Q5U300 (https://www.uniprot.org/uniprotkb/Q5U300/entry) |
| 别名 | UBA1 (YD36095),UBA1 (YD36095) Rabbit mAb,UBA1,Protein A1S9,Ubiquitin-activating enzyme E1,Ubiquitin-activating enzyme E1 X,Ubiquitin-like modifier-activating enzyme 1 X,A1S9T,UBE1,Sbx,Ube1ax,Ube1x |

产品验证



实验步骤

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)