

## Rabbit anti-Human UFC1 Monoclonal Antibody | anti-UFC1 antibody

UFC1 Rabbit mAb

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA282895</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

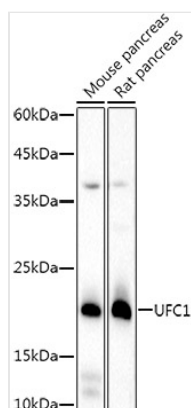
### PRODUCT SYNONYMS

UFC1; Monoclonal Antibody; UFC1 Rabbit mAb; NEDSG; HSPC155; anti-UFC1 antibody

### PRODUCT SPECIFICATIONS

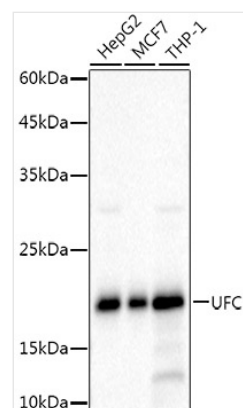
|                                                |                                                                                                                                                |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                         |
| Reactivity                                     | Human                                                                                                                                          |
| Clonality                                      | Monoclonal                                                                                                                                     |
| Isotype                                        | IgG                                                                                                                                            |
| Purity/Purification                            | Affinity purification                                                                                                                          |
| Form/Format                                    | PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.                                                                                   |
| Sequence                                       | MADEATRRVV SEIPVLKTNA GPRDRELWVQ RLKEEYQSLI RYVENNKNAD NDWFRLESNK EGTRWFGKCW YIHDLKYEYF DIEFDIPITY PTTAPEIAVP ELDGKTAKMY RGGKICLTDH FKPLWARNVP |
| Applicable Applications for anti-UFC1 antibody | ELISA, WB (Western Blot)                                                                                                                       |
| Cross Reactivity                               | Human, Mouse, Rat                                                                                                                              |
| Immunogen                                      | Recombinant fusion protein containing a sequence corresponding to amino acids 1-130 of Human UFC1 (NP_057490.2).                               |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                                               |

### IMAGES



#### WB (Western Blot)

Western blot analysis of various lysates, using UFC1 Rabbit mAb (AAA282895) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



#### WB (Western Blot)

Western blot analysis of various lysates, using UFC1 Rabbit mAb (AAA282895) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-UFC1 antibody | UFC1 is an E2-like conjugating enzyme for ubiquitin-fold modifier-1 (UFM1; MIM 610553)(Komatsu et al., 2004 [PubMed 15071506]). |
| Product Categories/Family for anti-UFC1 antibody   | Cell Biology Developmental Biology; Ubiquitin; Antibodies                                                                       |

NCBI AND UNIPROT INFORMATION

|                            |                                                        |
|----------------------------|--------------------------------------------------------|
| NCBI GI #                  | 156416000                                              |
| NCBI GeneID                | 51506                                                  |
| NCBI Accession #           | NP_057490.2                                            |
| NCBI GenBank Nucleotide #  | NM_016406.3                                            |
| UniProt Accession #        | Q9Y3C8; Q549X0; Q5VTX1; Q9BS96; Q9P009; A8K9R1; D3DVF9 |
| Molecular Weight           | Calculated MW: 19kDa<br>Observed MW: 20kDa             |
| UniProt Protein Name       | Ubiquitin-fold modifier-conjugating enzyme 1           |
| UniProt Gene Name          | UFC1                                                   |
| UniProt Synonym Gene Names | Ufm1-conjugating enzyme 1                              |
| UniProt Entry Name         | UFC1_HUMAN                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ufc1-antibody-western-blot-elisa/282895>