

UFC1 Antibody
Rabbit mAb
Catalog # AP93031

Specification

UFC1 Antibody - Product Information

Application	WB, IHC, ICC, IP
Primary Accession	O9Y3C8
Clonality	Monoclonal
Other Names	
HSPC155; Ubiquitin fold modifier conjugating enzyme 1; UFC1; Ufm1 conjugating enzyme 1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	19458 Da

UFC1 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human UFC1
Description	E2-like enzyme which forms an intermediate with UFM1 via a thioester linkage.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

UFC1 Antibody - Protein Information

Name UFC1 {ECO:0000303|PubMed:15071506, ECO:0000312|HGNC:HGNC:26941}

Function

E2-like enzyme which specifically catalyzes the second step in ufmylation (PubMed:15071506, PubMed:29868776, PubMed:30626644, PubMed:34588452, PubMed:35394863, PubMed:36121123, PubMed:38383789). Accepts the ubiquitin-like modifier UFM1 from the E1 enzyme UBA5 and forms an intermediate with UFM1 via a thioester linkage (PubMed:<a href="http://www.uniprot.org/citations/15071506"

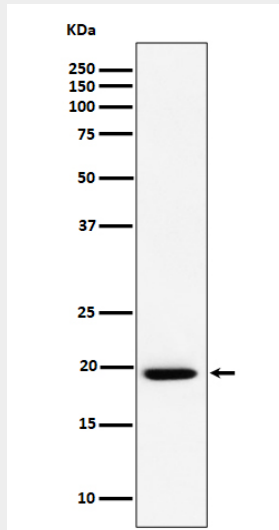
target="_blank">15071506, PubMed:29868776, PubMed:34588452, PubMed:38383789). Ufmylation is involved in various processes, such as ribosome recycling, response to DNA damage, interferon response or reticulophagy (also called ER-phagy) (PubMed:27351204, PubMed:32160526, PubMed:35394863, PubMed:37036982, PubMed:38383789).

UFC1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UFC1 Antibody - Images



Western blot analysis of UFC1 expression in A549 cell lysate.