

Anti-UFC1 Rabbit Monoclonal Antibody
Catalog # ABO16491**Specification****Anti-UFC1 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC, IP
Primary Accession	Q9Y3C8
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-UFC1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human.

Anti-UFC1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 51506

Other Names

Ubiquitin-fold modifier-conjugating enzyme 1, Ufm1-conjugating enzyme 1, UFC1
{ECO:0000303|PubMed:15071506, ECO:0000312|HGNC:HGNC:26941}

Calculated MW

19 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200
IP 1:50

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human UFC1

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-UFC1 Rabbit Monoclonal Antibody - Protein Information

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

Function

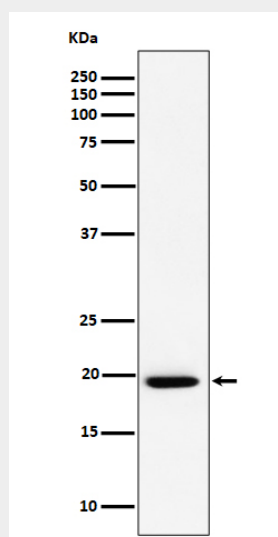
E2-like enzyme which specifically catalyzes the second step in ufmylation (PubMed:15071506, PubMed:29868776, PubMed:30626644, PubMed:34588452, PubMed:35394863, PubMed:36121123, PubMed:38383789). Accepts the ubiquitin-like modifier UFM1 from the E1 enzyme UBA5 and forms an intermediate with UFM1 via a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

Anti-UFC1 Rabbit Monoclonal 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](#)

Anti-UFC1 Rabbit Monoclonal Antibody - Images



Western blot analysis of UFC1 expression in A549 cell lysate.