

Product Name: UFC1 (2U18) Rabbit Monoclonal Antibody
Catalog #: AMRe19607

Summary

Production Name	UFC1 (2U18) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	UFC1 {ECO:0000303 PubMed:15071506, ECO:0000312 HGNC:HGNC:26941}
Alternative Names	HSPC155; Ubiquitin fold modifier conjugating enzyme 1; UFC1; Ufm1 conjugating enzyme 1;
Gene ID	51506.0
SwissProt ID	Q9Y3C8.Recombinant protein of human UFC1

Application

Dilution Ratio	WB: 1:2000-1:10000
Molecular Weight	20kDa

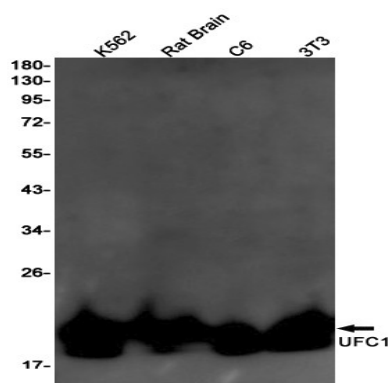
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Background

E2-like enzyme which forms an intermediate with UFM1 via a thioester linkage. E1-like enzyme which specifically catalyzes the second step in ufmylation (PubMed: [15071506](http://www.uniprot.org/citations/15071506), PubMed: [29868776](http://www.uniprot.org/citations/29868776)). Accepts the ubiquitin-like modifier UFM1 from the E1 enzyme UBA5 and forms an intermediate with UFM1 via a thioester linkage (PubMed: [15071506](http://www.uniprot.org/citations/15071506), PubMed: [29868776](http://www.uniprot.org/citations/29868776)). Ufmylation is involved in reticulophagy (also called ER-phagy) induced in response to endoplasmic reticulum stress (PubMed: [32160526](http://www.uniprot.org/citations/32160526)).

Research Area

Image Data



Western blot detection of UFC1 in K562,Rat Brain,C6,3T3 cell lysates using UFC1 antibody(1:1000 diluted).

Note

For research use only.