

产品名称: UFM1 (3Y5) Rabbit Monoclonal Antibody
产品货号: AMRe19612



产品概述 (Summary)

产品名称 (Production Name)	UFM1 (3Y5) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP,IF-P
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	UFM1
别名 (Alternative Names)	BM002; Chromosome 13 open reading frame 20; Ubiquitin-fold modifier 1; UFM1;
基因 ID (Gene ID)	51569.0
蛋白 ID (SwissProt ID)	P61960.A synthetic peptide of human UFM1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:200,IP 1:20-1:50,IF-P 1:50-1:200
蛋白分子量 (Molecular Weight)	9kDa

研究背景 (Background)

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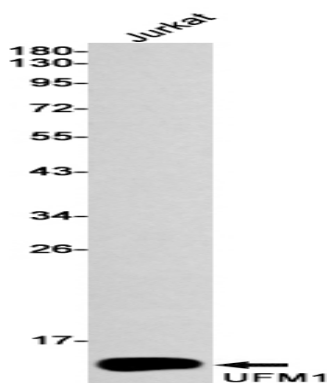


Ubiquitin-like modifier protein which binds to a number of target proteins, such as DDRGK1. Ubiquitin-like modifier which can be covalently attached via an isopeptide bond to lysine residues of substrate proteins as a monomer or a lysine-linked polymer (PubMed:15071506, PubMed:20018847, PubMed:29868776, PubMed:27653677). The so-called ufmylation, requires the UFM1-activating E1 enzyme UBA5, the UFM1-conjugating E2 enzyme UFC1, and the UFM1-ligase E3 enzyme UFL1 (PubMed:15071506, PubMed:20018847, PubMed:29868776, PubMed:27653677). Ufmylation is involved in reticulophagy (also called ER-phagy) induced in response to endoplasmic reticulum stress (PubMed:32160526). Ufmylation of TRIP4 regulates nuclear receptors-mediated transcription (PubMed:25219498).

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot detection of UFM1 in Jurkat cell lysates using UFM1 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .