

产品名称: AUP1 Mouse Monoclonal Antibody
产品货号: AMM82097



产品概述 (Summary)

产品名称 (Production Name)	AUP1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
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)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	AUP1
别名 (Alternative Names)	AUP1
基因 ID (Gene ID)	550.0
蛋白 ID (SwissProt ID)	Q9Y679.Purified recombinant fragment of human AUP1 (AA: 229-410) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	53kDa

研究背景 (Background)

The protein encoded this gene is involved in several pathways including quality control of misfolded proteins in the

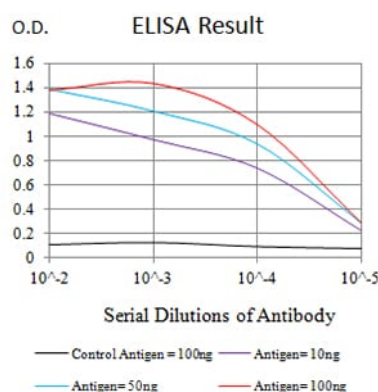
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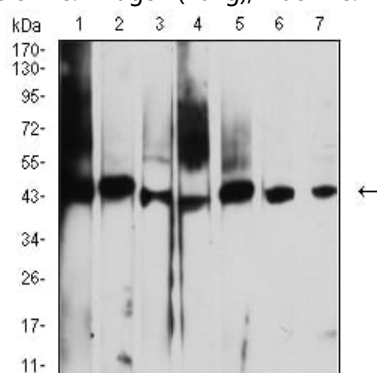
endoplasmic reticulum and lipid droplet accumulation. Lipid droplets are organelles in the cytoplasm that store neutral lipids such as cholesterol esters and triglycerides to prevent the overabundance of free cholesterol and fatty acids in cells, but also to act as storage for other metabolic processes, such as membrane biogenesis. Reduced expression of this gene results in reduced lipid droplet clustering, a function that is dependent on ubiquitination of the protein. This protein contains multiple domains including a hydrophobic N-terminal domain, an acetyltransferase domain, a ubiquitin-binding CUE domain, and a UBE2B2-binding domain (G2BR). Alternative splicing results in multiple transcript variants.

研究领域 (Research Area)

图片 (Image Data)



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using AUP1 mouse mAb against A431 (1), NIH/3T3 (2), Hela (3), SW480 (4), CHO3D10 (5), A549 (6), and SPC-A-1 (7) cell lysate.

注意事项 (Note)

For research use only .