

产品名称: SUMO Conjugating Enzyme UBC9 Rabbit Monoclonal Antibody
产品货号: AMRe03246



产品概述 (Summary)

产品名称 (Production Name)	SUMO Conjugating Enzyme UBC9 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP
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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	UBE2I
别名 (Alternative Names)	UBE2I; UBC9; UBCE9; SUMO-conjugating enzyme UBC9; SUMO-protein ligase; Ubiquitin carrier protein 9; Ubiquitin carrier protein I; Ubiquitin-conjugating enzyme E2 I; Ubiquitin-protein ligase I; p18
基因 ID (Gene ID)	7329
蛋白 ID (SwissProt ID)	P63279.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 18 kDa; Observed MW: 18 kDa

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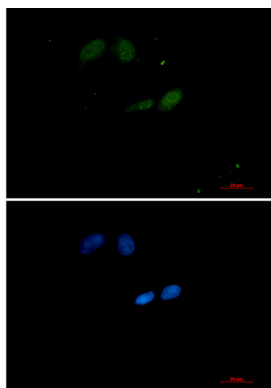
研究背景 (Background)

The process of SUMO-1 conjugation is similar to that seen with ubiquitin and other forms of post-translational protein modification. Like ubiquitin, SUMO-1 is conjugated to its target protein by the coordinated action of ubiquitin conjugation enzymes E1, E2 and E3. Ubc9 (or ube2M) is a highly conserved, 158 amino acid protein that acts as a SUMO-1 conjugating enzyme. Ubc9 binds to target proteins through their SUMO-1-CS (consensus sequence) domains and interacts with SUMO via the structurally conserved amino-terminal domain.

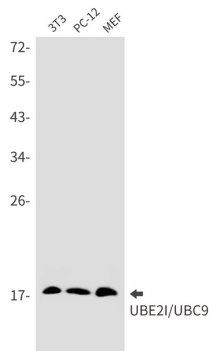
研究领域 (Research Area)

Cell Biology

图片 (Image Data)

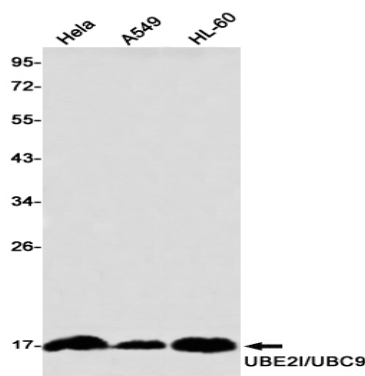


Immunocytochemistry analysis of SUMO Conjugating Enzyme UBC9 (green) in HeLa using SUMO Conjugating Enzyme UBC9 antibody, and DAPI (blue).

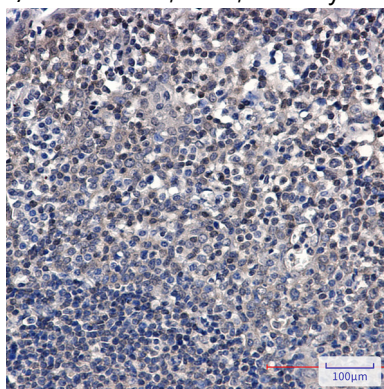


Western blot analysis of UBE2I/UBC9 in 3T3, PC-12, MEF lysates using UBE2I/UBC9 antibody.

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Western blot analysis of UBE2I/UBC9 in HeLa, A549, HL-60 lysates using UBE2I/UBC9 antibody



Immunohistochemistry analysis of paraffin-embedded Human tonsil using UBE2I/UBC9 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .