

产品名称: SENP1 (18B5) Rabbit Monoclonal Antibody
产品货号: AMRe17723



产品概述 (Summary)

产品名称 (Production Name)	SENP1 (18B5) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
种属反应性 (Reactivity)	Human

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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SENP1
别名 (Alternative Names)	SENP1; SuPr2;
基因 ID (Gene ID)	29843.0
蛋白 ID (SwissProt ID)	Q9P0U3.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:10000,IHC 1:100-1:200,ICC/IF 1:100-1:500,FC 1:20-1:50
蛋白分子量 (Molecular Weight)	73kDa

研究背景 (Background)

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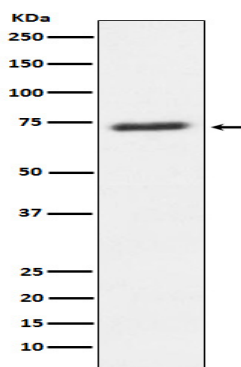
Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO1, SUMO2 and SUMO3 to their mature forms and deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins. Protease that catalyzes two essential functions in the SUMO pathway (PubMed:[10652325](http://www.uniprot.org/citations/10652325)), PubMed:[15199155](http://www.uniprot.org/citations/15199155)), PubMed:[16253240](http://www.uniprot.org/citations/16253240)), PubMed:[16553580](http://www.uniprot.org/citations/16553580)), PubMed:[21829689](http://www.uniprot.org/citations/21829689)), PubMed:[21965678](http://www.uniprot.org/citations/21965678)), PubMed:[23160374](http://www.uniprot.org/citations/23160374)), PubMed:[24943844](http://www.uniprot.org/citations/24943844)), PubMed:[25406032](http://www.uniprot.org/citations/25406032)), PubMed:[29506078](http://www.uniprot.org/citations/29506078)). The first is the hydrolysis of an alpha-linked peptide bond at the C-terminal end of the small ubiquitin-like modifier (SUMO) propeptides, SUMO1, SUMO2 and SUMO3 leading to the mature form of the proteins. The second is the deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins, by cleaving an epsilon-linked peptide bond between the C-terminal glycine of the mature SUMO and the lysine epsilon-amino group of the target protein. Deconjugates SUMO1 from HIPK2 (PubMed:[16253240](http://www.uniprot.org/citations/16253240)). Deconjugates SUMO1 from HDAC1 and BHLHE40/DEC1, which decreases its transcriptional repression activity (PubMed:[21829689](http://www.uniprot.org/citations/21829689)). Deconjugates SUMO1 from CLOCK, which decreases its transcriptional activation activity (PubMed:[23160374](http://www.uniprot.org/citations/23160374)). Deconjugates SUMO2 from MTA1 (PubMed:[21965678](http://www.uniprot.org/citations/21965678)). Deconjugates SUMO1 from METTL3 (PubMed:[29506078](http://www.uniprot.org/citations/29506078)). Desumoylates CCAR2 which decreases its interaction with SIRT1 (PubMed:[25406032](http://www.uniprot.org/citations/25406032)). Deconjugates SUMO1 from GPS2 (PubMed:[24943844](http://www.uniprot.org/citations/24943844)).

研究领域 (Research Area)

Cell Biology

图片 (Image Data)

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Western blot analysis of SENP1 expression in U87-MG cell lysate.

注意事项 (Note)

For research use only .