

产品名称: USP48 Rabbit Polyclonal Antibody
产品货号: AP Rab19684



产品概述 (Summary)

产品名称 (Production Name)	USP48 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
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)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	USP48 USP48; USP31; Ubiquitin carboxyl-terminal hydrolase 48; Deubiquitinating
别名 (Alternative Names)	enzyme 48; Ubiquitin thioesterase 48; Ubiquitin-specific-processing protease 48
基因 ID (Gene ID)	84196.0
蛋白 ID (SwissProt ID)	Q86UV5.The antiserum was produced against synthesized peptide derived from human USP48. AA range:631-680

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	120kDa

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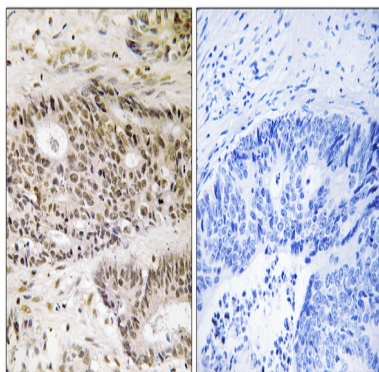
研究背景 (Background)

This gene encodes a protein containing domains that associate it with the peptidase family C19, also known as family 2 of ubiquitin carboxyl-terminal hydrolases. Family members function as deubiquitinating enzymes, recognizing and hydrolyzing the peptide bond at the C-terminal glycine of ubiquitin. Enzymes in peptidase family C19 are involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008], catalytic activity: Ubiquitin C-terminal thioester + H₂O = ubiquitin + a thiol., caution: Was named USP31 by some authors (PubMed:15354349 and PubMed:17081983), function: Recognizes and hydrolyzes the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins. May be involved in the regulation of NF-kappa-B activation by TNF receptor superfamily via its interactions with RELA and TRAF2. May also play a regulatory role at post-synaptic sites., sequence caution: Contaminating sequence. Potential poly-A sequence., similarity: Belongs to the peptidase C19 family., similarity: Contains 1 ubiquitin-like domain., similarity: Contains 3 DUSP domains., subunit: Interacts with TRAF2 and RELA., tissue specificity: Widely expressed.,

研究领域 (Research Area)

Cell Biology; Proteolysis / Ubiquitin; Proteasome / Ubiquitin; Deubiquitination; Epigenetics and Nuclear Signaling; Ubiquitin & Ubiquitin Like Modifiers

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using USP48 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .