

产品名称: htrA1 (3H19) Rabbit Monoclonal Antibody
产品货号: AMRe12274



产品概述 (Summary)

产品名称 (Production Name)	htrA1 (3H19) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IP
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)	HTRA1
别名 (Alternative Names)	ARMD7; CARASIL; High-temperature requirement A serine peptidase 1; HtrA; HtrA serine peptidase 1; HTRA1; IGFBP5 protease; ORF480; Protease serine 11 (IGF binding); protease serine 11; PRSS11; Serine protease 11; Serine protease HTRA1;
基因 ID (Gene ID)	5654.0
蛋白 ID (SwissProt ID)	Q92743.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IP 1:20-1:50
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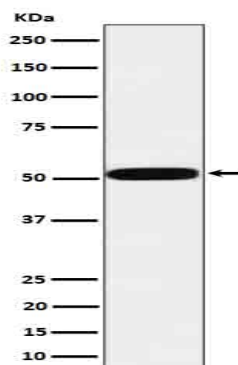
蛋白分子量 (Molecular Weight) 51kDa

研究背景 (Background)

Protease that regulate the availability of insulin-like growth factors (IGFs) by cleaving IGF-binding proteins. Represses signaling by TGF-beta family members. Serine protease with a variety of targets, including extracellular matrix proteins such as fibronectin. HTRA1-generated fibronectin fragments further induce synovial cells to up-regulate MMP1 and MMP3 production. May also degrade proteoglycans, such as aggrecan, decorin and fibromodulin. Through cleavage of proteoglycans, may release soluble FGF-glycosaminoglycan complexes that promote the range and intensity of FGF signals in the extracellular space. Regulates the availability of insulin-like growth factors (IGFs) by cleaving IGF-binding proteins. Inhibits signaling mediated by TGF-beta family members. This activity requires the integrity of the catalytic site, although it is unclear whether TGF-beta proteins are themselves degraded. By acting on TGF-beta signaling, may regulate many physiological processes, including retinal angiogenesis and neuronal survival and maturation during development. Intracellularly, degrades TSC2, leading to the activation of TSC2 downstream targets.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of htrA1 in MCF7 cell lysate.

注意事项 (Note)

For research use only .