

产品名称: HTRA2 (8W8) Rabbit Monoclonal Antibody
产品货号: AMRe12276



产品概述 (Summary)

产品名称 (Production Name)	HTRA2 (8W8) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP,IF-P
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)	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)	HTRA2
别名 (Alternative Names)	HTRA2; HtrA-like serine protease; OMI; PARK13; Protease; PRSS25; Serine protease 25; HtrA serine peptidase 2; Serine proteinase OMI;
基因 ID (Gene ID)	27429.0
蛋白 ID (SwissProt ID)	O43464.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000,IHC 1:50-1:200,IP 1:20-1:50,IF-P 1:50-1:200
蛋白分子量 (Molecular Weight)	49kDa

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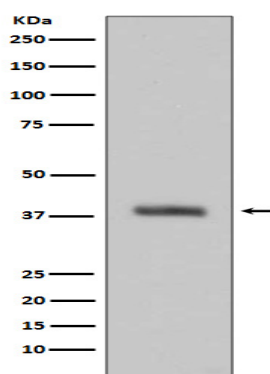
研究背景 (Background)

High temperature requirement protein A2 (HtrA2)/Omi is a serine protease with homology to the E. coli HtrA protein (DegP) and is thought to be involved in apoptosis and stress-induced degradation of misfolded proteins. While HtrA2 was originally identified to be present in either the nucleus or endoplasmic reticulum, subsequent studies have shown that it localizes in mitochondria and is released during apoptosis. Serine protease that shows proteolytic activity against a non-specific substrate beta-casein. Promotes or induces cell death either by direct binding to and inhibition of BIRC proteins (also called inhibitor of apoptosis proteins, IAPs), leading to an increase in caspase activity, or by a BIRC inhibition-independent, caspase-independent and serine protease activity-dependent mechanism. Cleaves THAP5 and promotes its degradation during apoptosis. Isoform 2 seems to be proteolytically inactive.

研究领域 (Research Area)

Neuroscience

图片 (Image Data)



Western blot analysis of HTRA2 expression in Jurkat cell lysate.

注意事项 (Note)

For research use only .