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HSP47/SERPINH1 Rabbit pAb

货号: AYP13687

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**IF:** Mus musculus
应用	WB IHC IF/ICC
推荐浓度	**WB:** 1:500 - 1:1000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	46kDa
实测分子量	46KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Mouse brain
细胞定位	Endoplasmic reticulum lumen
纯化	Affinity purification

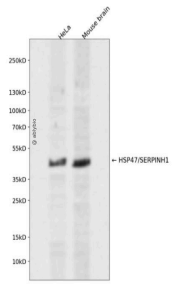
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 350-418 of human HSP47/HSP47/SERPINH1 (NP_001193943.1).

靶点信息

研究背景	This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. The encoded protein is localized to the endoplasmic reticulum and plays a role in collagen biosynthesis as a collagen-specific molecular chaperone. Autoantibodies to the encoded protein have been found in patients with rheumatoid arthritis. Expression of this gene may be a marker for cancer, and nucleotide polymorphisms in this gene may be associated with preterm birth caused by preterm premature rupture of membranes. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 9.
基因ID	871
基因名	SERPINH1
Swiss	P50454 (https://www.uniprot.org/uniprotkb/P50454/entry)
别名	SERPINH1,AsTP3,CBP1,CBP2,HSP47,OI10,PIG14,PPROM,RA-A47,SERPINH2,gp46,serpin H1,HSP47/SERPINH1 Rabbit pAb,47 kDa heat shock protein,Arsenic-transactivated protein 3,Cell proliferation-inducing gene 14 protein,Collagen-binding protein,Rheumatoid arthritis-related antigen RA-A47

产品验证



Western blot analysis of HSP47/SERPINH1 expressed in HeLa,Mouse brain using HSP47/SERPINH1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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