

Anti-SERPINB1/PI2 antibody ab47731

5 References 2 图像

概述	
产品名称	Anti-SERPINB1/PI2抗体
描述	兔多克隆抗体to SERPINB1/PI2
宿主	Rabbit
特异性	This antibody is specific for SERPINB1/PI2.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human SERPINB1/PI2 (N terminal).
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.05% Sodium azide Constituent: 50% Glycerol
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG
应用	

The Abpromise guarantee Abpromise™承诺保证使用ab47731于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/5000. Detects a band of approximately 47 kDa (predicted molecular weight: 43 kDa).
IHC-P		Use at an assay dependent concentration.

靶标

功能	Regulates the activity of the neutrophil proteases elastase, cathepsin G, proteinase-3, chymase, chymotrypsin, and kallikrein-3.
序列相似性	Belongs to the serpin family. Ov-serpin subfamily.
结构域	Reactive bond 1 is specific for reaction with chymotrypsin-like protease such as cathepsin G, chymotrypsin or chymase, while reactive bond 2 is specific for reaction with elastase-like protease such as neutrophil elastase, proteinase-3, pancreatic elastase or PSA.
细胞定位	Cytoplasm.

图片



All lanes : Anti-SERPINB1/PI2 antibody (ab47731) at 1/1000 dilution

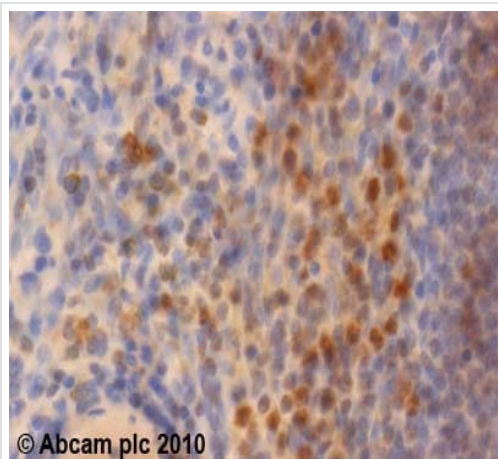
All lanes : MH-S cell lysate

Lysates/proteins at 20 µl per lane.

Predicted band size: 43 kDa

Observed band size: 47 kDa

Additional bands at: 65 kDa (possible degradation product)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SERPINB1/PI2 antibody (ab47731)

ab47731 (2µg/ml) staining Serpin B1 in human spleen using an automated system (DAKO Autostainer Plus). Using this protocol there is cytoplasmic staining in both red and white pulp. Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer citrate pH 6.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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