

Anti-SPINK1/P12 antibody [EPR17585-116] ab207302

リコンビナント **RabMAb**

画像数 4

製品の概要

製品名	Anti-SPINK1/P12 antibody [EPR17585-116]
製品の詳細	Rabbit monoclonal [EPR17585-116] to SPINK1/P12
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB
種交差性	交差種: Human
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Human pancreas lysate. IHC-P: Human pancreas and hepatocellular carcinoma tissues.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR17585-116
アイソタイプ	IgG

アプリケーション

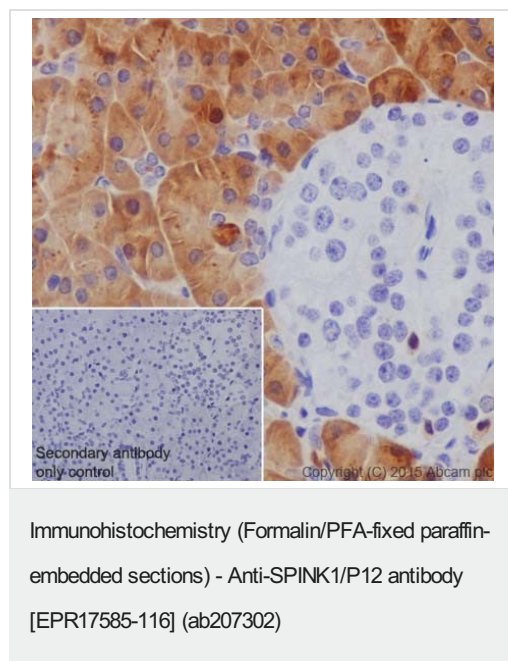
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab207302の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/200. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/5000. Detects a band of approximately 11 kDa (predicted molecular weight: 8 kDa).

ターゲット情報

機能	Serine protease inhibitor which exhibits anti-trypsin activity (PubMed:7142173). In the pancreas, protects against trypsin-catalyzed premature activation of zymogens. In the male reproductive tract, binds to sperm heads where it modulates sperm capacitance by inhibiting calcium uptake and nitrogen oxide (NO) production.
関連疾患	Pancreatitis, hereditary Tropical calcific pancreatitis
配列類似性	Contains 1 Kazal-like domain.
細胞内局在	Secreted.

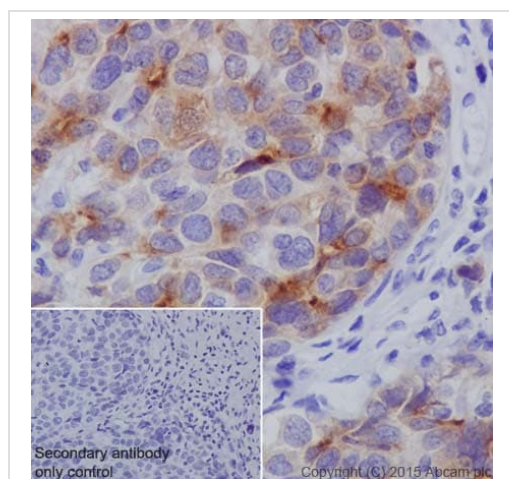
画像



Immunohistochemical analysis of paraffin-embedded human pancreas tissue labeling SPINK1/P12 with ab207302 at 1/200 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution. Cytoplasmic staining on human pancreas is observed. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

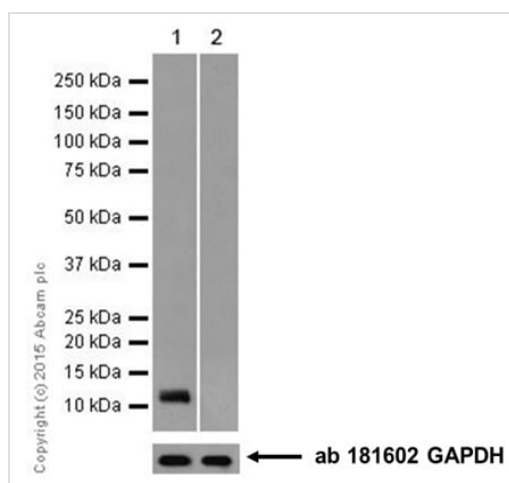


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SPINK1/P12 antibody [EPR17585-116] (ab207302)

Immunohistochemical analysis of paraffin-embedded human hepatocellular carcinoma tissue labeling SPINK1/P12 with ab207302 at 1/200 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500 dilution. Cytoplasmic staining on hepatocellular carcinoma is observed. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western blot - Anti-SPINK1/P12 antibody [EPR17585-116] (ab207302)

All lanes : Anti-SPINK1/P12 antibody [EPR17585-116] (ab207302) at 1/5000 dilution

Lane 1 : Human pancreas lysate

Lane 2 : Human fetal kidney lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/10000 dilution

Predicted band size: 8 kDa

Observed band size: 11 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure time: Lane 1: 1 minute; Lane 2: 3 minutes.

SPINK1/P12 is a pancreatic secretory trypsin inhibitor, uniquely expressed in pancreas. Human fetal kidney lysate is used as negative control.

SPINK1/P12 contains a signal peptide, thus observed with a MW of 11 kDa (PMCID: PMC2765331)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-SPINK1/P12 antibody [EPR17585-116]
(ab207302)

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

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