

Anti-Kininogen 1 antibody ab97761

★★★★★ 1 Abreviews 1 References 画像数 3

医薬用外劇物

製品の概要

製品名	Anti-Kininogen 1 antibody
製品の詳細	Rabbit polyclonal to Kininogen 1
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ICC/IF
種交差性	交差種: Human
免疫原	Recombinant fragment, corresponding to amino acids 10-426 of Human Kininogen 1
ポジティブ・コントロール	293T, A431, H1299, HeLa, HepG2, MOLT4 or Raji cell line.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
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ab97761の使用に適用されます

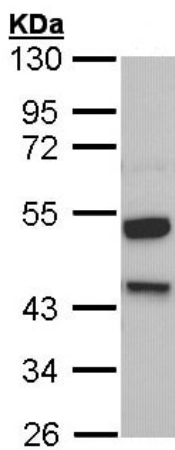
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/500 - 1/3000. Predicted molecular weight: 48 kDa.
IHC-P		1/100 - 1/500.
ICC/IF		1/100 - 1/200.

ターゲット情報

機能	(1) Kininogens are inhibitors of thiol proteases; (2) HMW-kininogen plays an important role in blood coagulation by helping to position optimally prekallikrein and factor XI next to factor XII; (3) HMW-kininogen inhibits the thrombin- and plasmin-induced aggregation of thrombocytes; (4) the active peptide bradykinin that is released from HMW-kininogen shows a variety of physiological effects: (4A) influence in smooth muscle contraction, (4B) induction of hypotension, (4C) natriuresis and diuresis, (4D) decrease in blood glucose level, (4E) it is a mediator of inflammation and causes (4E1) increase in vascular permeability, (4E2) stimulation of nociceptors (4E3) release of other mediators of inflammation (e.g. prostaglandins), (4F) it has a cardioprotective effect (directly via bradykinin action, indirectly via endothelium-derived relaxing factor action); (5) LMW-kininogen inhibits the aggregation of thrombocytes; (6) LMW-kininogen is in contrast to HMW-kininogen not involved in blood clotting.
組織特異性	Secreted in plasma. T-kinin is detected in malignant ovarian, colon and breast carcinomas, but not in benign tumors.
関連疾患	Defects in KNG1 are the cause of high molecular weight kininogen deficiency (HMWK deficiency) [MIM:228960]. HMWK deficiency is an autosomal recessive coagulation defect. Patients with HMWK deficiency do not have a hemorrhagic tendency, but they exhibit abnormal surface-mediated activation of fibrinolysis.
配列類似性	Contains 3 cystatin domains.
翻訳後修飾	Bradykinin is released from kininogen by plasma kallikrein. Hydroxylation of Pro-383 occurs prior to the release of bradykinin. Phosphorylation sites are present in the extracellular medium. N- and O-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans.
細胞内局在	Secreted > extracellular space.

画像

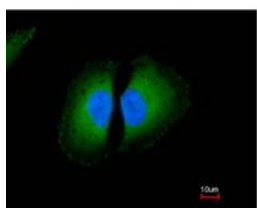
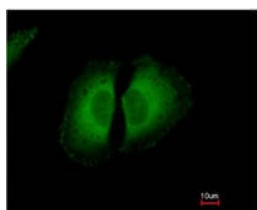


Western blot - Anti-Kininogen 1 antibody (ab97761)

Anti-Kininogen 1 antibody (ab97761) at 1/1000 dilution + MOLT4 whole cell lysate at 30 µg

Predicted band size: 48 kDa

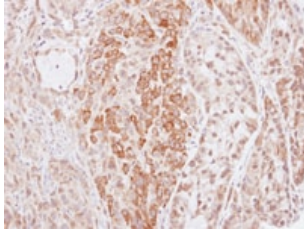
10% SDS-PAGE.



Immunocytochemistry/ Immunofluorescence - Anti-Kininogen 1 antibody (ab97761)

ab76197 at 1/200 dilution staining Kininogen in paraformaldehyde-fixed HeLa cells by immunofluorescence .

Lower image is merged with DNA probe.



ab97761 at 1/500 dilution staining Kininogen in paraffin-embedded A549 xenograft tissue by immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Kininogen 1 antibody (ab97761)

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