

Product datasheet

Anti-HMW Kininogen antibody (Biotin) ab79654

1 References

概述

产品名称	Anti-HMW Kininogen抗体(Biotin)
描述	兔多克隆抗体to HMW Kininogen (Biotin)
宿主	Rabbit
偶联物	Biotin
经测试应用	适用于: WB, IP, ELISA, RIA
种属反应性	与反应: Human
免疫原	HMW Kininogen purified from human plasma

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 50% Glycerol, PBS, pH 7.5
纯度	Protein G purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab79654** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/20. Predicted molecular weight: 72 kDa.
IP		Use at an assay dependent dilution.
ELISA		Use a concentration of 3 - 8 µg/ml.

应用	Ab评论	说明
RIA		Use a concentration of 3 - 8 µg/ml.

靶标

功能	(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.
组织特异性	Secreted in plasma. T-kinin is detected in malignant ovarian, colon and breast carcinomas, but not in benign tumors.
疾病相关	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.
序列相似性	Contains 3 cystatin domains.
翻译后修饰	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.
细胞定位	Secreted > extracellular space.

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