

Anti-AKT2 兔多克隆抗体

K134887 -20°C



产品信息

蛋白质全称	RAC-β丝氨酸/苏氨酸蛋白激酶
别名	AKT2, v-akt murine thymoma viral oncogene homolog 2, HIHGHH, PKBB, PKBBETA, PRKBB, RAC-BETA, PKB beta, Protein kinase Akt 2, Protein kinase B beta, RAC PK beta
免疫原	大鼠 AKT2 重组蛋白
Uniprot ID	P47197
抗体亚型	IgG
纯化方式	亲和纯化
亚细胞定位	细胞膜, 细胞核, 内体

应用

IHC/IF 免疫组织化学/免疫荧光

物种: 大鼠

稀释比: 1: 250-1: 2000

阳性样品: 肾, 肺

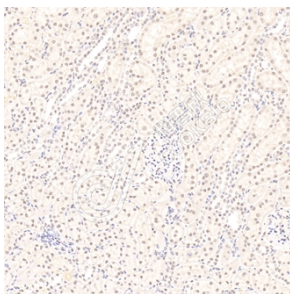
背景

AKT2 is one of 3 closely related serine/threonine-protein kinases (AKT1, AKT2 and AKT3) called the AKT kinases, and which regulate many processes including metabolism, proliferation, cell survival, growth and angiogenesis. This is mediated through serine and/or threonine phosphorylation of a range of downstream substrates. Over 100 substrate candidates have been reported so far, but for most of them, no isoform specificity has been reported. AKT is responsible of the regulation of glucose uptake by mediating insulin-induced translocation of the SLC2A4/GLUT4 glucose transporter to the cell surface. Phosphorylation of PTPN1 at 'Ser-50' negatively modulates its phosphatase activity preventing dephosphorylation of the insulin receptor and the attenuation of insulin signaling.

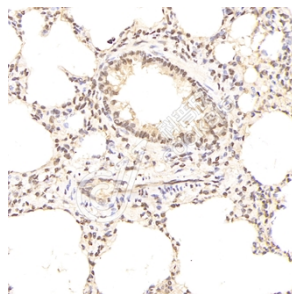
储存条件

储存条件: 自收到之日起 -20°C下储存一年, 避免反复冻融。
储存缓冲液: 含 0.15% ProClin300 防腐剂, 100 μg/mL 牛血清白蛋白和 50%甘油的磷酸盐缓冲液。

图像



IHC 检测 AKT2 蛋白(货号 K134887).
 样品: 大鼠肾, 4%多聚甲醛 (货号 KSG1101) 固定 12-24 小时.
 抗原修复: Tris-EDTA 抗原修复液(pH 9.0) (KSG1203), 98°C, 20 分钟.
 一抗: 1: 1100 稀释, 4°C 孵育过夜.
 二抗: S-vision 免疫组化多聚二抗(山羊抗兔),即用型 (货号 KB3906), 室温孵育 20 分钟.



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For Research Use Only!

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