

Akt Antibody

货号: PN0063

产品信息

全称	Akt Antibody
别名	AKT , AKT1 kinase, C-AKT, EC 2.7.11.1, PKB, PKB-alpha, Protein kinase B, RAC, RAC-PK-alpha, RAC-alpha serine/threonine kinase, kinase Akt1
抗体来源/类型	Rabbit Polyclonal
交叉反应	Human, Mouse, Rat
产品应用	WB: 1:500~1:3000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
理论分子量	56kDa
细胞定位	细胞膜, 细胞质, 细胞核
性状	Liquid
浓度	以具体批次为准
免疫原	The antiserum was produced against synthesized non-phosphopeptide derived from human Akt around the phosphorylation site of tyrosine 326 (N-D-YP-G-R).
亚型	IgG
纯化方法	Affinity-chromatography
缓冲液	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
保存条件	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
注意事项	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

背景

An AGC kinase that plays a critical role in controlling the balance between survival and apoptosis. Phosphorylated and activated by PDK1 in the PI3 kinase pathway. Mediates survival signals downstream of PI3 kinase and several growth factor receptors by phosphorylating apoptotic proteins. First found in a mouse transforming retrovirus. Tumorigenic in a mouse lymphoma model and activated (by phospho-Akt staining) and/or overexpressed in a number of cancers including breast, prostate, lung, pancreatic, liver, ovarian and colorectal. Inhibitor: RX-0201. Substrates include tuberlin, Bad, Forkhead transcription factors, caspase-9, and glycogen synthase kinase-3.

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