

Antibody to AKT1
RABBIT POLYCLONAL

Catalog Number: AB-305
Quantity: 100 micrograms
Format: 250 $\mu\text{g/mL}$ in TBS, 0.1% NaN₃
Host: Rabbit
Immunogen: Synthetic peptide based on human PKB c-terminal sequence, KLH conjugates

Background: Akt is also known as protein kinase B (PKB). It is an important molecule in mammalian cellular signaling. It inhibits apoptotic processes and is involved in cellular survival pathways. It also induces protein synthesis pathways.

Specificity & Preparation: AKT1 (PKB alpha) is a kinase from the Akt, which is responsive to the cell activation. The anti-akt antibodies were raised with a peptide based on sequence of human PKB C-terminal and affinity purified with the same peptide on agarose. The antibody was affinity purified with PKB phospho-peptide on agarose and affinity adsorption with non-phosphopeptide of the same sequence. This antibody will recognize PKB alpha. May cross-react with the other members of the PKB family.

Usage: Applications include ELISA (0.25 $\mu\text{g/mL}$), WB (1 $\mu\text{g/mL}$), and IP (10 $\mu\text{g}/2$ mg crude protein).

Storage: Store product at -20°C . Three years from date of shipping.

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