

## AKT2 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 252020

**Unit:** 0.1 mg

**Description:**

AKT2 (RAC-beta serine/threonine-protein kinase) belongs to the AKT serine/threonine-protein kinase family with AKT1 and AKT3. AKT2 signals downstream of phosphatidylinositol 3-kinase (PI3K) to mediate the effects of various growth factors such as PDGF, EGF, and IGF-I. Two specific sites, one in the kinase domain (Thr-309) and the other in the C-terminal regulatory region (Ser-474) need to be phosphorylated for AKT2 full activation.

**Isotype:** Rabbit Ig

**Applications:** E, WB

**Species Reactivity:** H

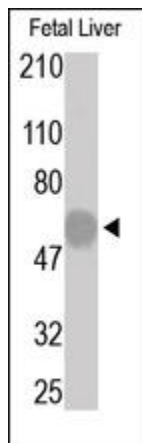
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** RAC-beta serine/threonine-protein kinase; RAC-PK-beta; Protein kinase Akt-2; Protein kinase B beta; PKB beta; AKT2

**Accession No.:** P31751

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within human AKT2.

**Application Notes:** E: 1:10,000-1:40,000; WB: 1:500-1:1,000



**The AKT2 Antibody is used in Western blot to detect AKT2 in human fetal liver lysates.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.