

Phospho-AKT1/2/3 (Ser473) Antibody

Subcategory: Phosphospecific Antibody, Rabbit Polyclonal Antibody

Cat. No.: 251358

Unit: 0.1 mg

Description:

RAC-alpha serine/threonine-protein kinase (AKT1) signals downstream of phosphatidylinositol 3-kinase (PI3K) to mediate the effects of various growth factors such as PDGF, EGF, and IGF-I. This antibody binds to phospho-AKT1 (Ser473), phospho-AKT2 (Ser474), and phospho-AKT3 (Ser472).

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

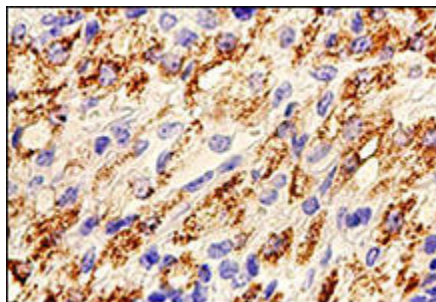
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by antigen-affinity chromatography.

Alternate Names: Phospho-AKT1/2/3 (Ser473); Phospho-AKT1 (Ser473); Phospho-AKT2 (Ser474); Phospho-AKT3 (Ser472); Serine/threonine-protein kinase akt-1; Protein kinase B akt-1; Phospho-PKB; RAC-alpha serine/threonine-protein kinase; RAC-PK-alpha; C-AKT; AKT1; RAC-beta serine/threonine-protein kinase; RAC-PK-beta; Protein kinase Akt-2; Protein kinase B, beta; PKB beta; AKT2; RAC-gamma serine/threonine-protein kinase; RAC-PK-gamma; Protein kinase Akt-3; Protein kinase B, gamma; PKB gamma; STK-2; AKT3; PKBG

Accession No.: P31749, P31751, Q9Y243

Antigen: KLH-conjugated synthetic peptide encompassing the phosphorylated Ser473 residue of human AKT1.

Application Notes: This antibody binds to phospho-AKT1 (Ser473), phospho-AKT2 (Ser474), and phospho-AKT3 (Ser472). E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



AKT-1/2/3 staining in mouse tumor. Formalin-fixed paraffin-embedded mouse tumor tissue is stained with Phospho-AKT1/2/3 (Ser473) Antibody (Cat. No. 251358) used at 1:600 dilution.

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.