

Basic Information

Product Name	Anti-AKT1 Antibody (Clone#PKB-175)
Gene Name	AKT1
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human, mouse, rat, chicken
Tested Application	WB
Contents	200ug/ml antibody with PBS , 0.02% NaN3 , 1mg BSA
Immunogen	Polypeptide
Concentration	200ug/ml
Purification	Ascites
Observed MW	60 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

PKB alpha also known as V-AKT murine thymoma vial oncogene homolog 1(ATK1). AKT1 and the related AKT2 are activated by platelet-derived growth factor. The activation is rapid and specific, and is abrogated by mutations in the pleckstrin homology domain of AKT1. AKT1 gene is mapped to chromosome 14q32.3. Akt1/protein kinase B-alpha is critical for ischemic and VEGF-mediated angiogenesis. Akt1 regulates pathological angiogenesis, vascular maturation and permeability in vivo.

Reference

Anti-AKT1 Antibody (Clone#PKB-175) is cited in 18 literature.

Selected Validation Data

