
Product Datasheet

AKT1 antibody (orb750475)

Description

AKT1 antibody

Species/Host

Rabbit

Reactivity

Gallus, Human, Mouse, Rat

Conjugation

Unconjugated

Tested

ELISA, FC, IF, IHC, WB

Applications
Immunogen

AKT Antibody was produced from whole rabbit serum prepared by repeated immunizations with a synthetic peptide R-P-H-F-P-Q-F-S-Y-S-A-S-G-T-A corresponding to the C-terminus (460-480) of human AKT proteins conjugated to KLH using maleimide. A residue of cysteine was added to the amino terminal end to facilitate coupling. A BLAST analysis was used to suggest reactivity with this protein from rat, mouse, and chicken based on 100% homology for the immunogen sequence.

Preservatives

0.1% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

75 mg/ml

Storage

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Note

For research use only

Application notes

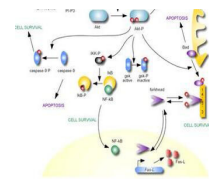
Anti-AKT Antibody has been tested in Western Blot, Immunohistochemistry (Formalin-fixed paraffin-embedded sections), and Immunofluorescence (paraformaldehyde-fixed primary cardiomyocyte cultures). Expect a band at ~55.7kDa in 3T3 whole cell lysate or other appropriate cell lysates or tissues in western blot. Although not tested, this antibody would be useful in flow cytometry. Researchers should determine optimal titers for applications that are not stated below.

Isotype

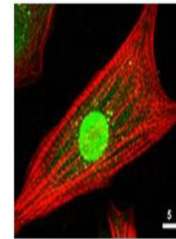
Antiserum

Clonality

Polyclonal

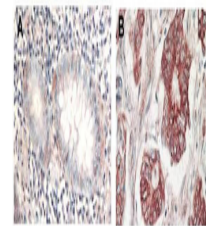


AKT Metabolic Pathway.



Immunofluorescence Microscopy of Rabbit

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Immunohistochemistry of Rabbit Anti-AKT ...