

AKT2 Rabbit pAb

Catalog No.: A0336 **5 Publications**

Basic Information

Observed MW

65kDa

Calculated MW

56kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

Background

This gene is a putative oncogene encoding a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains, which is involved in signaling pathways. The gene serves as an oncogene in the tumorigenesis of cancer cells. For example, its overexpression contributes to the malignant phenotype of a subset of human ductal pancreatic cancers. The encoded protein is a general protein kinase capable of phosphorylating several known proteins, and has also been implicated in insulin signaling.

Recommended Dilutions

WB 1:500 - 1:2000**IF/ICC** 1:50 - 1:100

Immunogen Information

Gene ID

208

Swiss Prot

P31751

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 400-500 of human AKT2 (NP_001617.1).

Synonyms

PKBB; PRKBB; HIHGHH; PKBBETA; RAC-BETA; AKT2

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

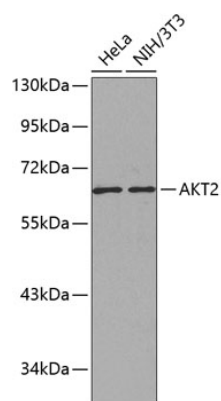
Affinity purification

Storage

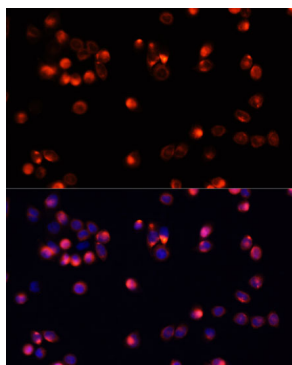
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using AKT2 antibody (A0336).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of HeLa cells using AKT2 antibody (A0336) at dilution of 1:100. Blue: DAPI for nuclear staining.