

[KO Validated] AKT2 Rabbit pAb

Catalog No.: A18019 **KO** Validated

Basic Information

Catalog No.

A18019

Observed MW

60kDa

Calculated MW

51kDa/55kDa

Category

Primary antibody

Applications

WB, IHC, ICC, IF, IP, CHIP

Cross-Reactivity

Human, Mouse, Rat, Monkey

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:100
ICC	1:50 - 1:200
IF	1:50 - 1:100
IP	1:20 - 1:50
CHIP	1:20 - 1:100

Contact

 | www.abclonal.com

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. The gene was shown to be amplified and overexpressed in 2 of 8 ovarian carcinoma cell lines and 2 of 15 primary ovarian tumors. 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.

Immunogen Information

Gene ID

208

Swiss Prot

P31751

Immunogen

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

Synonyms

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

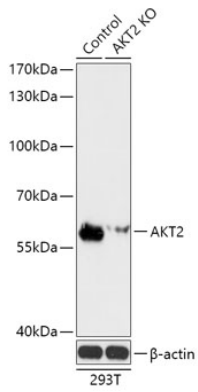
Affinity purification

Storage

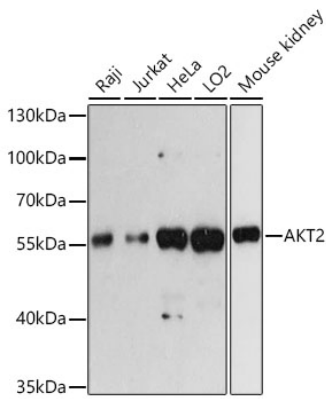
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts from normal (control) and AKT2 knockout (KO) 293T cells, using AKT2 antibody (A18019) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Western blot analysis of extracts of various cell lines, using AKT2 antibody (A18019) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.