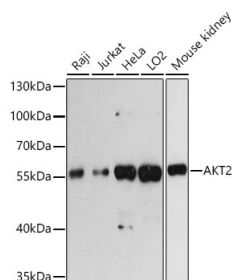


<b>Cat. No:</b>	AB-83368
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 400 to the Cterminus of human AKT2
<b>Reactivity:</b>	Human, Mouse, Rat, Monkey Western Blot: 1:1000 - 1:5000 Immunohistochemistry: 1:50 - 1:100 Immunofluorescence: 1:50 - 1:100 Immunocytochemistry: 1:50 - 1:100 Immunoprecipitation: 1:20 - 1:50 ChIP: 1:20 - 1:100
<b>Applications:</b>	
<b>Molecular Weight:</b>	60kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	AKT2;HIHGHH;PKBB;PKBBETA;PRKBB;RAC-BETA
<b>Background:</b>	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.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.01% thiomersal,50% glycerol,pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cell lines, using AKT2 antibody ) at 1:3000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in  
TBST.  
Detection: ECL West Pico Plus.  
Exposure time: 60s.

**References:**

References:

Product:AKT2 Rabbit pAb

Journal:Advanced science (Weinheim, Baden-Wurttemberg, Germany)

Application:WB

IF:16.8

Species:Mus musculus

PMID:35343654

Title:RNF115 Inhibits the Post-ER Trafficking of TLRs and TLRs-Mediated Immune Responses by Catalyzing K11-Linked Ubiquitination of RAB1A and RAB13

**References:**

References

Product:AKT2 Rabbit pAb

Journal:Frontiers in psychiatry

Application:WB

IF:4.15

Species:Homo sapiens,Mus musculus

PMID:35509887

Title:Deciphering Risperidone-Induced Lipogenesis by Network Pharmacology and Molecular Validation  
References for AKT2 Rabbit pAb (A18019)

**References:**

Product:AKT2 Rabbit pAb

Journal:Free radical biology & medicine

Application:WB

IF:8.1

Species:Homo sapiens

PMID:36195162

Title:Proteomic analysis of skeletal muscle in Chinese hamsters with type 2 diabetes mellitus reveals that OPLAH downregulation affects insulin resistance and impaired ...

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