## AKT1 (Phospho-Ser129) Rabbit mAb

Catalog No: #14222

Package Size: #14222-1 50ul #14222-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

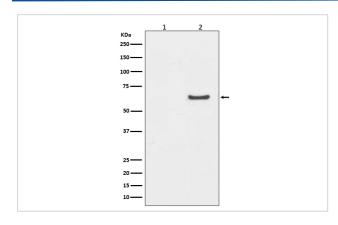
$\overline{}$			
1	escri	ınt	ınn
$\boldsymbol{\nu}$	COUL	ιρι	ווטו

Product Name	AKT1 (Phospho-Ser129) Rabbit mAb	
Host Species	Recombinant Rabbit	
Clonality	Monoclonal	
Isotype	Rabbit IgG	
Purification	Affinity-chromatography	
Applications	WB	
Species Reactivity	Human;Mouse;Rat	
Specificity	Phospho-AKT1 (S129) Antibody detects endogenous levels of Phospho-AKT1 (S129)	
Immunogen Description	A synthesized peptide derived from human AKT1	
Conjugates	Unconjugated	
Other Names	AKT 1; PKB; PKB-ALPHA; PRKBA; Protein Kinase B Alpha; Protein kinase B; Proto-oncogene c-Akt; RAC	
	Alpha; RAC-alpha serine/threonine-protein kinase; RAC-PK-alpha;	
Accession No.	Uniprot:P31749	
Calculated MW	56 kDa	
SDS-PAGE MW	60 kDa	
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.	
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.	

## **Application Details**

WB:1:1000~1:2000

## **Images**



Western blot analysis of Phospho-AKT1 (S129) expression in (1) MCF-7 cell lysate treated with Alkaline Phosphatase; (2) MCF-7 cell lysate.

## **Product Description**

Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation

loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.