AKT1 (Phospho-Ser129) Rabbit mAb

Catalog No: #14222

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

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

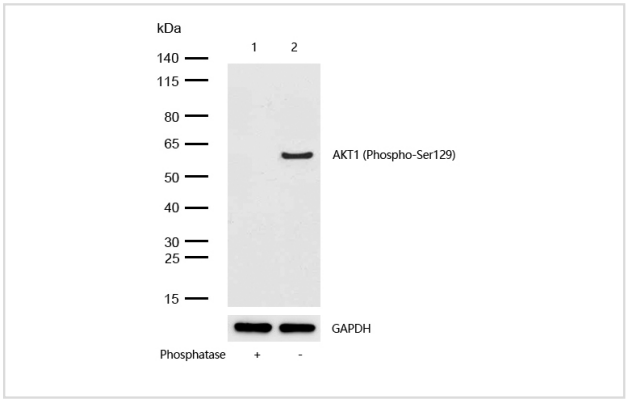
Description

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



All lanes: AKT1 (Phospho-Ser129) Rabbit mAb at 1/1k dilution

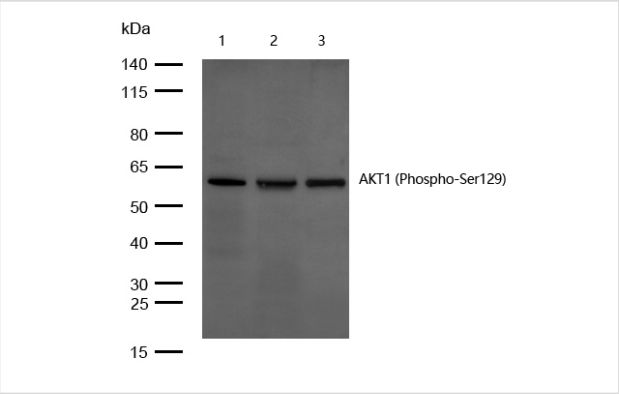
Lane 1 : MCF7 treated with alkaline phosphatase whole cell lysates
Lane 2 : MCF7 whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 56 kDa
Observed band size: 60 kDa

Exposure time: 5 seconds



All lanes: AKT1 (Phospho-Ser129) Rabbit mAb at 1/1k dilution

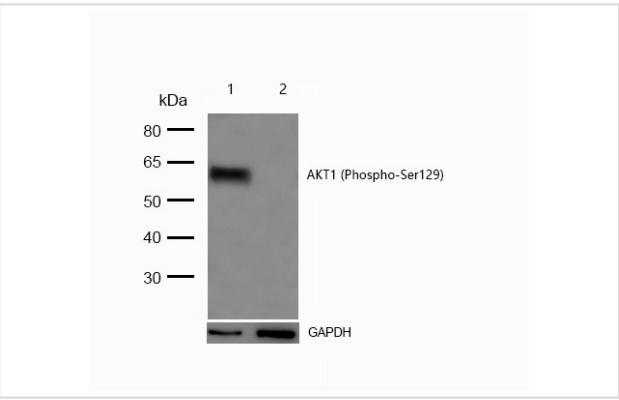
Lane 1 : Mouse heart lysates
Lane 2 : Mouse lung lysatesLane 3 : Rat heart lysates

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 56 kDa
Observed band size: 60 kDa

Exposure time: 7 seconds



All lanes:AKT1 (Phospho-Ser129)Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type Hela cell lysate
Lane 2 : AKT1 (Phospho-Ser129) knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.

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.