

Akt(Phospho-Ser473) Rabbit mAb

Catalog No: #14238

Package Size: #14238-1 50ul #14238-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

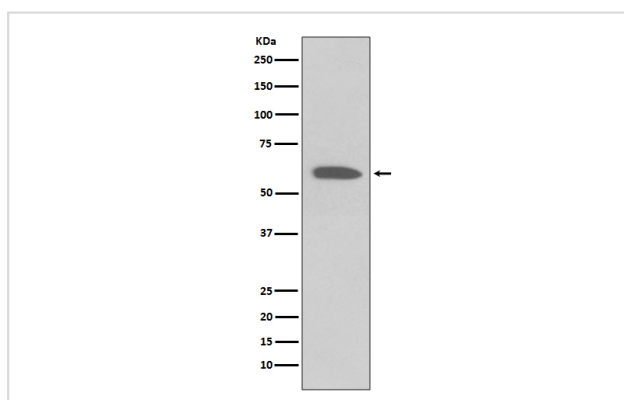
Description

Product Name	Akt(Phospho-Ser473) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Phospho-Akt(Ser473) Antibody detects endogenous levels of total Phospho-Akt(Ser473)
Immunogen Description	A synthesized peptide derived from human Phospho-Akt(Ser473)
Other Names	AKT; AKT1 kinase; C-AKT; PKB; PKB-alpha; Protein kinase B; RAC; RAC-PK-alpha;
Accession No.	Uniprot:P31749
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Calculated MW	60kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4 Λ C short term. Store at -20 Λ C long term. Avoid freeze / thaw cycle.

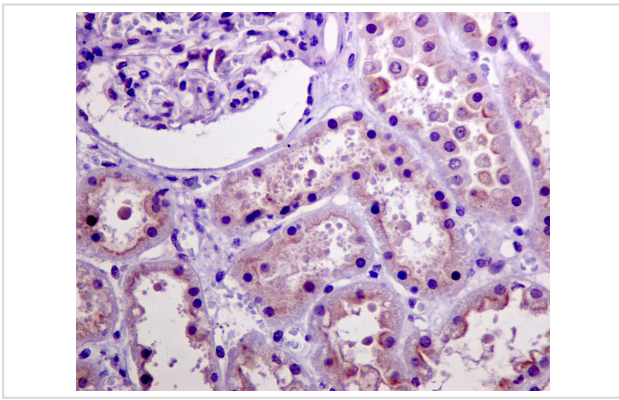
Application Details

WB:1:500~1:2000IHC:1:50~1:200ICC/IF:1:100~1:500

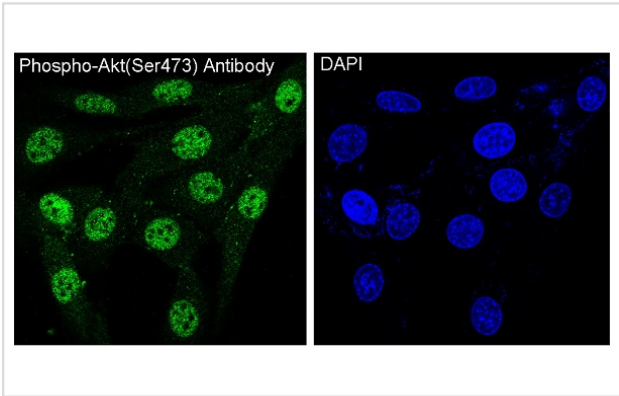
Images



Western blot analysis on 2 NIH/3T3 cell lysate treated with PDGF using Phospho-Akt(Ser473) Antibody.



Immunohistochemical analysis of paraffin-embedded human kidney, using Phospho-Akt(Ser473) Antibody.



Immunofluorescent analysis of NIH/3T3 cells treated with PDGF, using Phospho-Akt(Ser473) Antibody.

Product Description

An AGC kinase that plays a critical role in controlling the balance between survival and apoptosis. Phosphorylated and activated by PDK1 in the PI3 kinase pathway. Mediates survival signals downstream of PI3 kinase and several growth factor receptors by phosphorylating apoptotic proteins. First found in a mouse transforming retrovirus.

Note: This product is for in vitro research use only