

# Product Datasheet

## AKT1 [p Ser124] Antibody (JJ08-46) NBP2-67862

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-67862****AKT1 [p Ser124] Antibody (JJ08-46)****Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JJ08-46
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol
<b>Target Molecular Weight</b>	56 kDa

**Product Description**

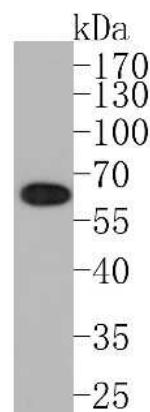
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	AKT1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic phospho-peptide corresponding to residues surrounding Ser124 of human AKT1. (SwissProt: P31749 Human; SwissProt: P31750 Mouse; SwissProt: P47196 Rat)

**Product Application Details**

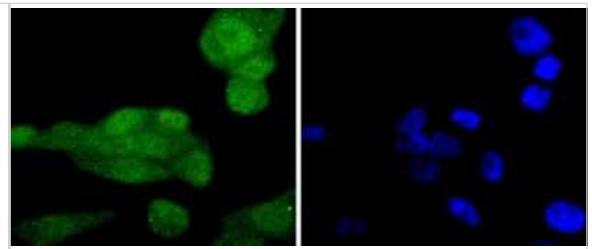
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

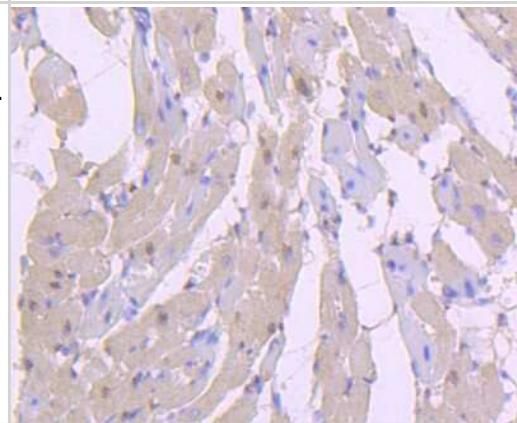
Western Blot: AKT1 [p Ser124] Antibody (JJ08-46) [NBP2-67862] - Western blot analysis of AKT1 on MCF-7 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rab



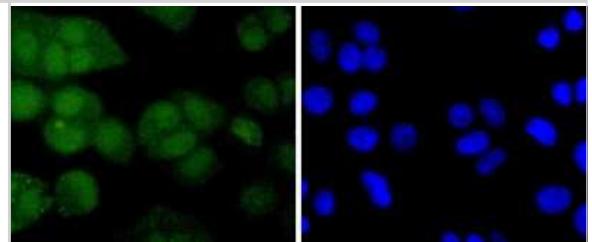
Immunocytochemistry/Immunofluorescence: AKT1 [p Ser124] Antibody (JJ08-46) [NBP2-67862] - ICC staining Phospho-AKT1(Ser124) in PC-3M cells (green). The nuclear counterstain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X-100 in PBS.



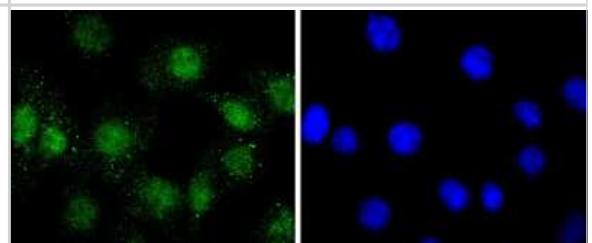
Immunohistochemistry-Paraffin: AKT1 [p Ser124] Antibody (JJ08-46) [NBP2-67862] - IHC analysis of paraffin-embedded rat heart tissue using anti-Phospho-AKT1(Ser124) antibody. Counter-stained with hematoxylin.



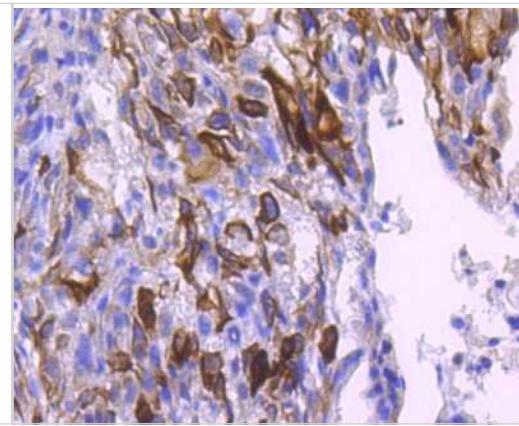
Immunocytochemistry/Immunofluorescence: AKT1 [p Ser124] Antibody (JJ08-46) [NBP2-67862] - ICC staining Phospho-AKT1(Ser124) in MCF-7 cells (green). The nuclear counterstain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X-100 in PBS.



Immunocytochemistry/Immunofluorescence: AKT1 [p Ser124] Antibody (JJ08-46) [NBP2-67862] - ICC staining Phospho-AKT1(Ser124) in NIH/3T3 cells (green). The nuclear counterstain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X-100 in PBS.



Immunohistochemistry-Paraffin: AKT1 [p Ser124] Antibody (JJ08-46) [NBP2-67862] - IHC analysis of paraffin-embedded human breast carcinoma tissue using anti-Phospho-AKT1(Ser124) antibody. Counter-stained with hematoxylin.





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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