

Product Datasheet

AKT1 Antibody (ST48-09)

NBP2-67519

Unit Size: 100 μ l

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

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NBP2-67519

AKT1 Antibody (ST48-09)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST48-09
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	56 kDa

Product Description

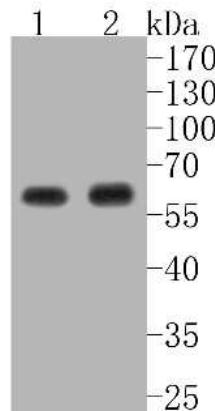
Host	Rabbit
Gene Symbol	AKT1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within C-terminal human AKT1. (SwissProt: P31749 Human; SwissProt: P31750 Mouse; SwissProt: P47196 Rat)

Product Application Details

Applications	Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

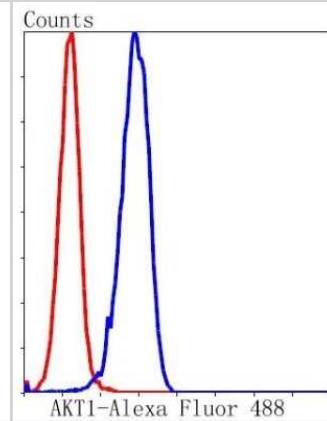
Western Blot: AKT1 Antibody (ST48-09) [NBP2-67519] - Western blot analysis of AKT1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabb



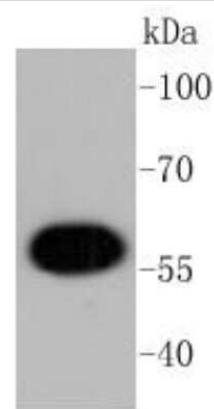
Immunohistochemistry-Paraffin: AKT1 Antibody (ST48-09) [NBP2-67519] - IHC-P analysis of paraffin-embedded mouse prostate tissue using anti-AKT1 antibody. Counter-stained with hematoxylin.



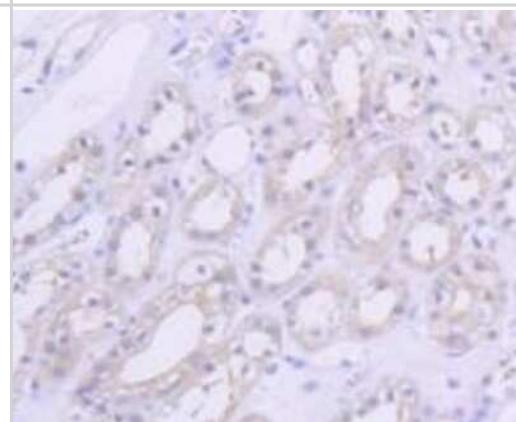
Flow Cytometry: AKT1 Antibody (ST48-09) [NBP2-67519] - Flow cytometric analysis of HeLa cells with AKT1 antibody at 1:50 dilution (blue) compared with an unlabelled control (cells without primary antibody incubation; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



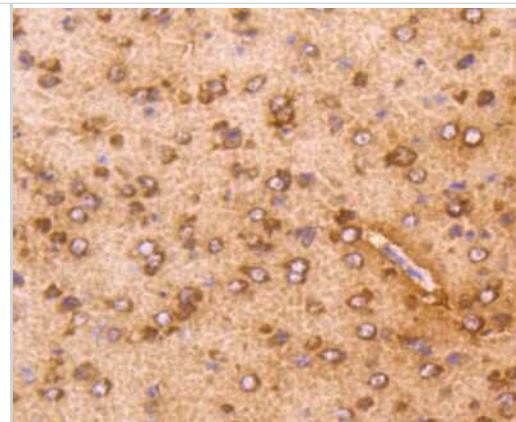
Western Blot: AKT1 Antibody (ST48-09) [NBP2-67519] - WB analysis of AKT1 on MCF-7 cell lysates using anti-AKT1 antibody at 1:1000 dilution.



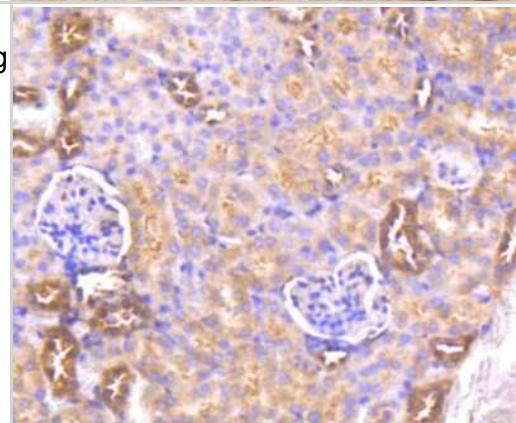
Immunohistochemistry-Paraffin: AKT1 Antibody (ST48-09) [NBP2-67519] - IHC-P analysis of paraffin-embedded human kidney tissue using anti-AKT1 antibody. Counter-stained with hematoxylin.



Immunohistochemistry-Paraffin: AKT1 Antibody (ST48-09) [NBP2-67519] - IHC-P analysis of paraffin-embedded mouse brain tissue using anti-AKT1 antibody. Counter-stained with hematoxylin.



Immunohistochemistry-Paraffin: AKT1 Antibody (ST48-09) [NBP2-67519] - IHC-P analysis of paraffin-embedded mouse kidney tissue using anti-AKT1 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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