

Product Datasheet

AKT1 Antibody (3A3) NBP1-51602

Unit Size: 0.1 ml

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

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NBP1-51602**AKT1 Antibody (3A3)**

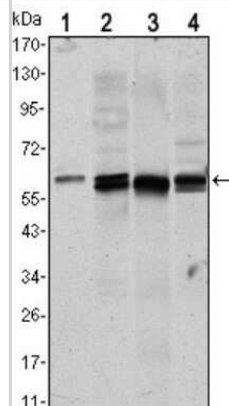
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3A3
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ascites
Buffer	Ascites
Target Molecular Weight	56 kDa

Product Description	
Description	Novus Biologicals Mouse AKT1 Antibody (3A3) (NBP1-51602) is a monoclonal antibody validated for use in IHC, WB, ELISA and Simple Western. Anti-AKT1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	207
Gene Symbol	AKT1
Species	Human, Mouse, Monkey
Reactivity Notes	This AKT1 antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Purified recombinant fragment of human AKT1 expressed in E. Coli.

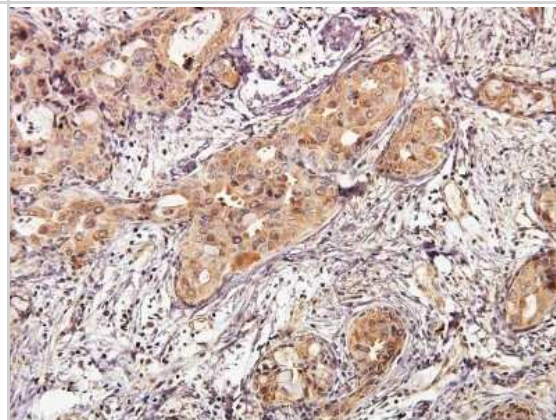
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, Simple Western, ELISA 1:10000, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	This AKT1 antibody is validated for IHC-P from a verified customer review. See Simple Western Antibody Database for Simple Western validation: Tested in Brain, separated by Size, apparent MW was 55 kDa

Images

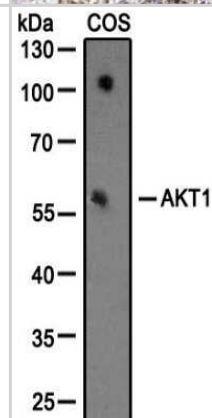
Western Blot: AKT1 Antibody (3A3) [NBP1-51602] - Analysis using AKT1 antibody against NIH/3T3 (1), Hela (2), COS7 (3) and Jurkat (4) cell lysate.



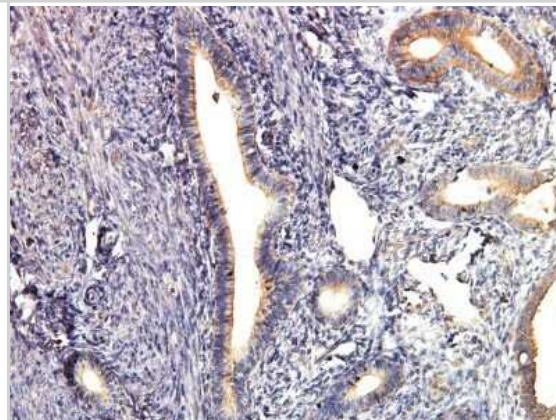
Immunohistochemistry-Paraffin: AKT1 Antibody (3A3) [NBP1-51602] - Analysis of human breast carcinoma using AKT1 antibody at 1:50. IHC-P image submitted by a verified customer review.



Western Blot: AKT1 Antibody (3A3) [NBP1-51602] - Analysis of extracts from COS cells using AKT1 antibody at 1:1000. WB image submitted by a verified customer review.



Immunohistochemistry-Paraffin: AKT1 Antibody (3A3) [NBP1-51602] - Analysis of human endometrial cancer using AKT1 antibody at 1:25. IHC-P image submitted by a verified customer review.



Publications

Liu Z, Du J, Ren J et al. miR-183-96-182 clusters alleviated ox-LDL-induced vascular endothelial cell apoptosis in vitro by targeting FOXO1 RSC Adv 2022-05-13 [PMID: 35547044]

Anderzhanova, E, Hafner, K Et al. The stress susceptibility factor FKBP51 controls S-ketamine-evoked release of mBDNF in the prefrontal cortex of mice. Neurobiol Stress 2020-11-01 [PMID: 33344695] (WB, Human)

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

Details:

Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).





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Products Related to NBP1-51602

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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