

Product Datasheet

AKT3 Antibody - BSA Free

NBP1-80900

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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NBP1-80900

AKT3 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

Description	Novus Biologicals Rabbit AKT3 Antibody - BSA Free (NBP1-80900) is a polyclonal antibody validated for use in IHC and WB. Anti-AKT3 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10000
Gene Symbol	AKT3
Species	Human, Mouse
Reactivity Notes	Reactivity reported in scientific literature (PMID: 22549727). Imaging of mouse spinal cord (DAB). Mouse tissue image was submitted via customer Review.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EEREWEATEAIQAVADRLQRQEEERMNCSPTSQIDNIGEEEMDASTTHHKRKT MNDFDYLLKLL

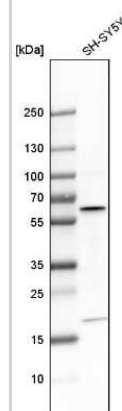
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

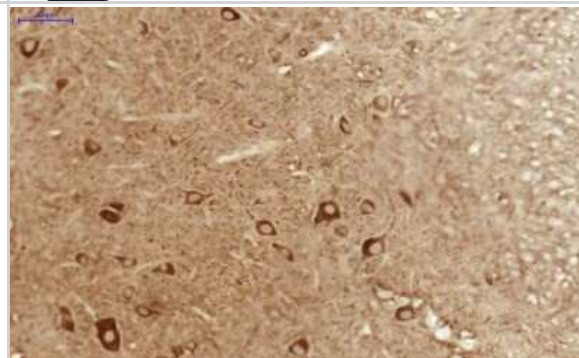


Images

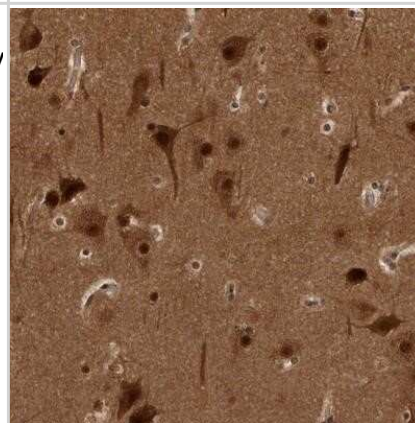
Western Blot: AKT3 Antibody [NBP1-80900] - Analysis in human cell line SH-SY5Y.



Immunohistochemistry: AKT3 Antibody [NBP1-80900] - Imaging of mouse spinal cord (DAB). This image was submitted via customer Review.



Immunohistochemistry-Paraffin: AKT3 Antibody [NBP1-80900] - Staining of human cerebral cortex shows strong nuclear and cytoplasmic positivity in neuronal cells.



Publications

O'Hurley G, Daly E, O'Grady A et al. Investigation of Molecular Alterations of AKT-3 in Triple Negative Breast Cancer. Histopathology. 2013-10-19 [PMID: 24138071]

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]

Vredevelde LC, Possik PA, Smit MA et al. Abrogation of BRAFV600E-induced senescence by PI3K pathway activation contributes to melanomagenesis. Genes Dev 2012-05-15 [PMID: 22549727]



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Products Related to NBP1-80900

NBP1-80900PEP	AKT3 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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