

Product Datasheet

AKT3 Antibody NB100-1480

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



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Publications: 1

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NB100-1480

AKT3 Antibody

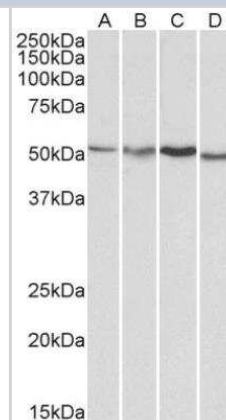
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat AKT3 Antibody (NB100-1480) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-AKT3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	10000
Gene Symbol	AKT3
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody is expected to recognise an epitope corresponding to aa 119-133 of both isoforms of human AKT3 protein. This antibody does not cross-react with human AKT1/2. Reported variants represent identical protein (NP_859029.1; NP_001193658.1).
Immunogen	Peptide with sequence CSPTSQIDNIGEEEM corresponding to internal region according to NP_005456.1, NP_859029.1.

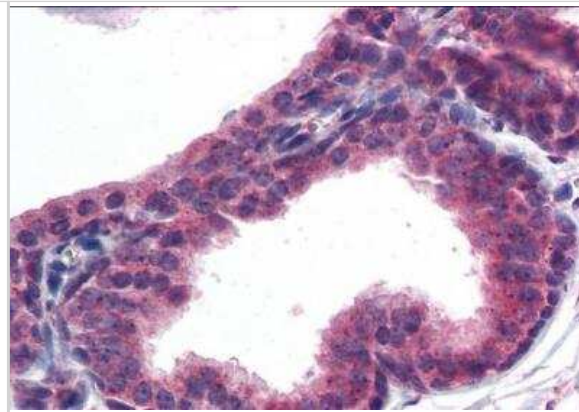
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: A 50-55 kDa band observed in HepG2 and Jurkat lysates and in mouse and rat brain lysates (calculated MW of 54.0 kDa band according to NP_859029.1 IHC: Paraffin embedded Human Prostate and Heart.

Images

Western Blot: AKT3 Antibody [NB100-1480] - staining of HepG2 (A), Jurkat (B), Mouse Brain (C) and Rat Brain (D) lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

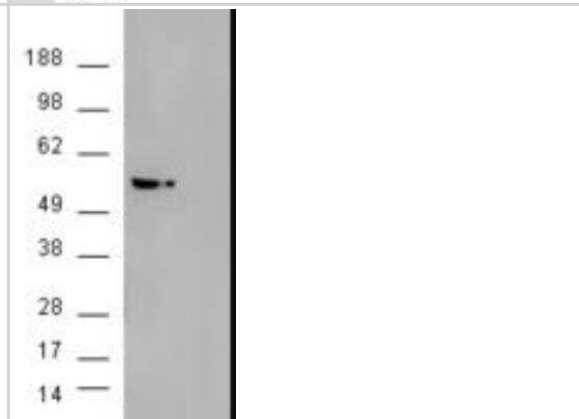


Immunohistochemistry-Paraffin: AKT3 Antibody [NB100-1480] - staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: AKT3 Antibody [NB100-1480] - (1ug/ml) staining of HepG2lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

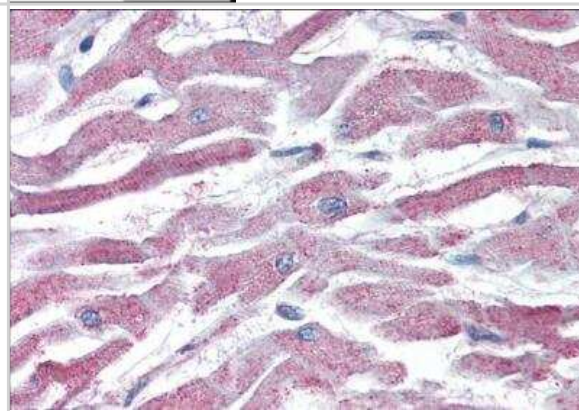
250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa



Western Blot: AKT3 Antibody [NB100-1480] - HEK293 overexpressing AKT3 (RC224750) and probed with (mock transfection in second lane)

188 —
98 —
62 —
49 —
38 —
28 —
17 —
14 —

Immunohistochemistry-Paraffin: AKT3 Antibody [NB100-1480] - staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Zinda MJ, Johnson MA, Paul JD et al. AKT-1, -2, and -3 are expressed in both normal and tumor tissues of the lung, breast, prostate, and colon. Clin Cancer Res 2001-08-01 [PMID: 11489829]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-1480

NBL1-07443	AKT3 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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