

# Product Datasheet

## AKT1 [p Ser473] Antibody (0113) - Azide and BSA Free NBP3-21480-100ul

Unit Size: 100 ul

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

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**NBP3-21480-100ul**

AKT1 [p Ser473] Antibody (0113) - Azide and BSA Free

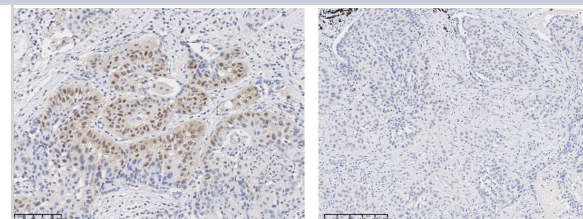
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	0113
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

Product Description	
Description	Novus Biologicals Rabbit AKT1 [p Ser473] Antibody (0113) - Azide and BSA Free (NBP3-21480) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	207
Gene Symbol	AKT1
Species	Human, Mouse
Immunogen	The antibody is produced by immunizing rabbits with a synthetic phosphopeptide corresponding to residues around Ser473 of human AKT1.

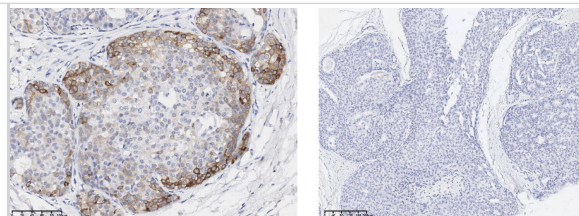
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:200000, Immunohistochemistry 1:100-1:400, Immunohistochemistry-Paraffin 1:100-1:400

**Images**

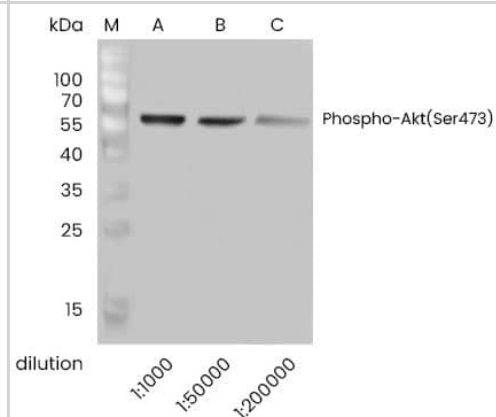
Immunohistochemistry-Paraffin-NBP3-21480-AKT1 [p Ser473] Antibody (0113)-Analysis of paraffin-embedded human breast cancer tissue, untreated (left) or lambda phosphatase-treated (right), using Recombinant Phospho-AKT (Ser473) Antibody, Rabbit Monoclonal at 1:200 dilution.



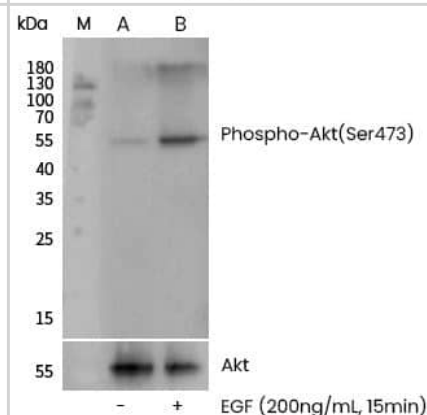
Immunohistochemistry-Paraffin-NBP3-21480-AKT1 [p Ser473] Antibody (0113)- Human breast cancer tissue, untreated (left) or lambda phosphatase-treated (right), using Recombinant Phospho-AKT (Ser473) Antibody, Rabbit Monoclonal at 1:200 dilution.



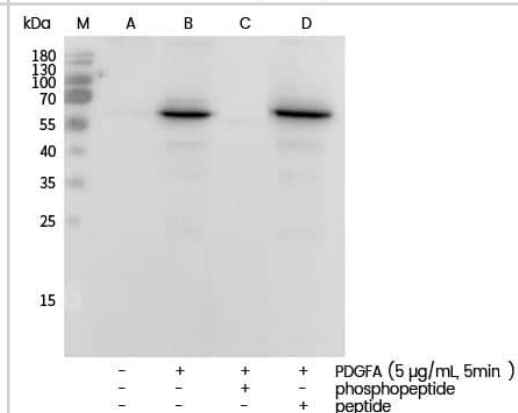
Western Blot-NBP3-21480-AKT1 [p Ser473] Antibody (0113)-Analysis of extracts from serum-starved NIH-3T3 treated with PDGFA 5 ug/mL, 5 min; +), using Phospho-AKT (Ser473) rabbit monoclonal Antibody at 1:1000, 1:50000, 1:200000 dilution.



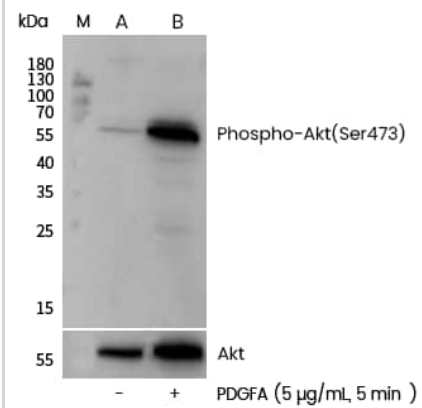
Western Blot-NBP3-21480-AKT1 [p Ser473] Antibody (0113)-Analysis of extracts from serum-starved A431, untreated (-); treated with EGF (200 ng/mL, 15 min; +), using Phospho-AKT (Ser473) rabbit monoclonal Antibody at 1:2000 dilution (upper) or anti-Akt antibody (lower).



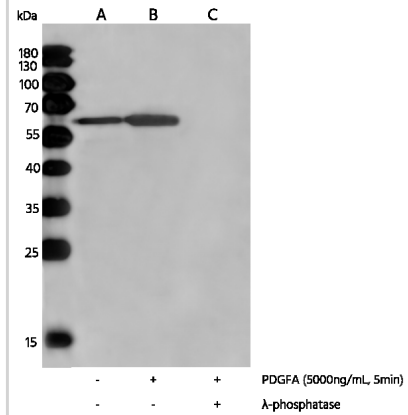
Western Blot-NBP3-21480-AKT1 [p Ser473] Antibody (0113)-Analysis of extracts from serum-starved NIH-3T3, untreated (line A); treated with PDGFA (5 ug/mL, 5 min), without peptide (line B) or antigen-specific phosphopeptide (line C) or antigen-specific peptide (line D) using Phospho-AKT (Ser473) rabbit monoclonal Antibody at 1:2000 dilution.



Western Blot: AKT1 [p Ser473] Antibody (0113) [NBP3-21480] - Western blot analysis of extracts from serum-starved NIH-3T3 treated with PDGFA (5 ug/mL, 5 min; +), using NBP3-21480 at 1:1000, 1:50000, 1:200000 dilution.



Western Blot: AKT1 [p Ser473] Antibody (0113) [NBP3-21480] - Western blot analysis of extracts from serum-starved NIH-3T3, untreated (line A); treated with PDGFA (5000 ng/mL, 5min; +) (line B); treated with PDGFA and  $\lambda$ -phosphatase (line C) using NBP3-21480 at 1:2000 dilution.





### **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 NBP3-21480-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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