

Product Datasheet

AKT [p Ser473] Antibody (PSH04-44) NBP3-32747

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP3-32747

AKT [p Ser473] Antibody (PSH04-44)

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	PSH04-44
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	56 kDa

Product Description	
Description	Novus Biologicals Rabbit AKT [p Ser473] Antibody (PSH04-44) (NBP3-32747) is a recombinant monoclonal antibody validated for use in WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	207
Gene Symbol	AKT1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of AKT1 only when phosphorylated at Ser473. This antibody also recognizes AKT2 and AKT3 when phosphorylated at the corresponding residues.
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser473 of human AKT1. (Uniprot: P31749)

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:2000-1:5000



Images

Western Blot: AKT [p Ser473] Antibody (PSH04-44) [NBP3-32747] - Western blot analysis of AKT on different lysates with Rabbit anti-AKT antibody (NBP3-32747) at 1/2,000 dilution.

Lane 1: HEK-293 cell lysate

Lane 2: HEK-293 treated with 50uM LY294002 for 6 hours cell lysate

Lysates/proteins at 20 ug/Lane.

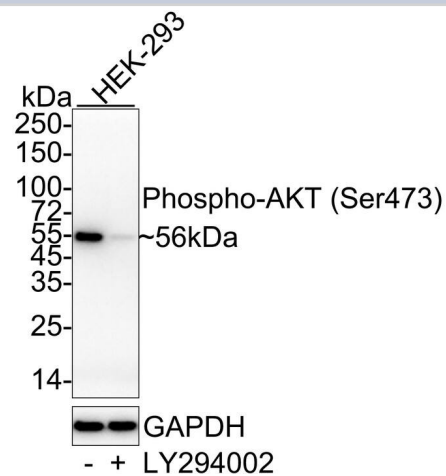
Predicted band size: 56 kDa

Observed band size: 56 kDa

Exposure time: 20 seconds; ECL;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32747) at 1/2,000 dilution was used in 5% NFDm/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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 NBP3-32747

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

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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