

Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody

Catalog Number: P00024-5

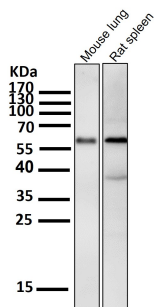
Overview

Product Name	Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody catalog # P00024-5. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal IFD-1
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P31749

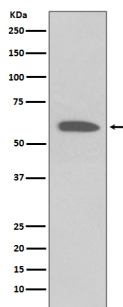
Technical Details

Immunogen	A synthesized peptide derived from human Phospho-Akt (Ser473)
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:100-1:500

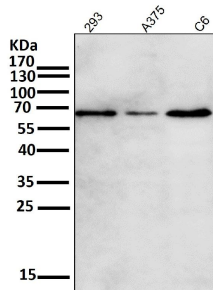
Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody (P00024-5) Images



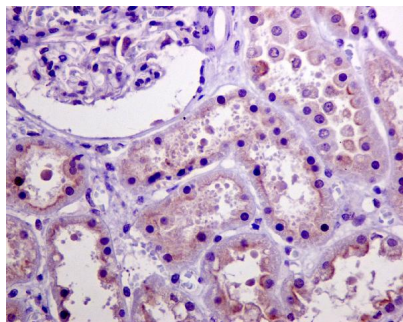
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis on 2 NIH/3T3 cell lysate treated with PDGF using Phospho-Akt(Ser473) Antibody.

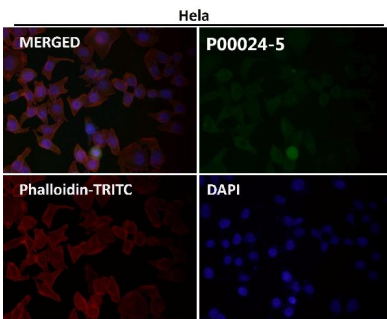
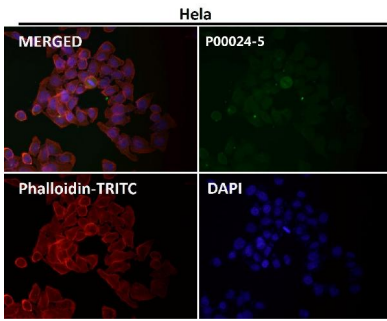


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

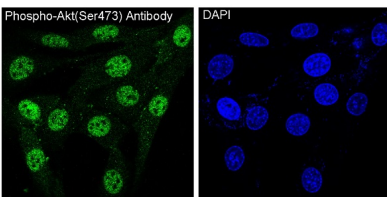


Immunohistochemical analysis of paraffin-embedded human kidney, using Phospho-Akt(Ser473) Antibody.

Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis of NIH/3T3 cells treated with PDGF, using Phospho-Akt(Ser473) Antibody.

21 Publications Citing This Product

1. PubMed ID: 10.1016/j.jep.2020.113407, Sesquiterpene lactones; Damsin and neoambrosin suppress cytokine-mediated inflammation in complete Freund's adjuvant rat model via shutting Akt/ERK1/2/STAT3 signaling
2. PubMed ID: 33930376, Güleç İ, Engelen A, Karagöz-Güzey F, Öney-Uçar E, Eren B, Vahabova G, Karacan M, Bilgen Özcan T. The calcimimetic R-568 attenuates subarachnoid hemorrhage-induced vasospasm through PI3K/Akt/eNOS signaling pathway in the rat model. Brain Res. 2021 Apr 27;147508. doi:10.1016/j.brainres.2021.147508. Epub ahead of print. PMID:33930376.
3. PubMed ID: 33654381, Xu Y, Chen W, Chen Z, Huang M, Yang F, Zhang Y. Mechanism of Action of Xiaoyao San in Treatment of Ischemic Stroke is Related to Anti-Apoptosis and Activation of PI3K/Akt Pathway. Drug Des Devel Ther. 2021 Feb 22;15:753-767. doi:10.2147/DDDT.S280217. PMID:33654381;

Visit [bosterbio.com/anti-phospho-akt-ser473-rabbit-monoclonal-antibody-p00024-5-boster.html](https://www.bosterbio.com/anti-phospho-akt-ser473-rabbit-monoclonal-antibody-p00024-5-boster.html) to see all 21 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Phospho-Akt (Ser473) AKT1 Rabbit Monoclonal Antibody