

Product Datasheet

AKT2 [p Ser474] Antibody - BSA Free NB100-81780

Unit Size: 0.05 ml

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

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NB100-81780

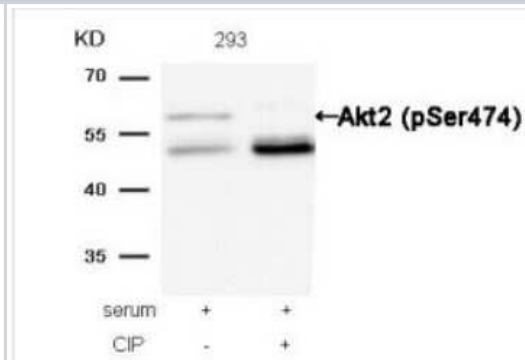
AKT2 [p Ser474] Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
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 (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 50% glycerol
Target Molecular Weight	56 kDa
Product Description	
Host	Rabbit
Gene ID	208
Gene Symbol	AKT2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of AKT2 only when phosphorylated at serine 474.
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human AKT2 around the phosphorylation site of serine 474 (Q-F-SP-Y-S).
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:100

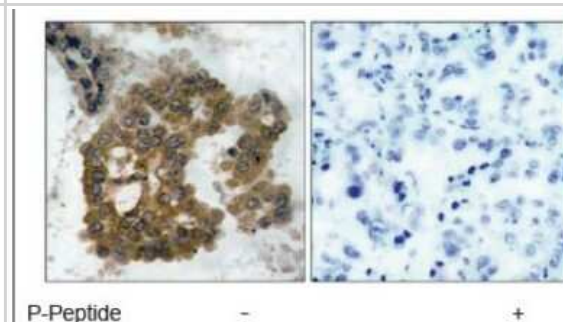


Images

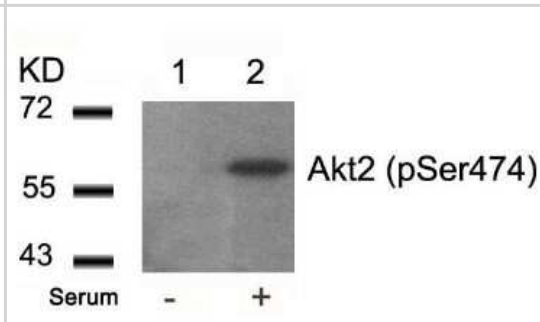
Western Blot: AKT2 [p Ser474] Antibody [NB100-81780] - Analysis of extracts from 293 cells, treated with serum or calf intestinal phosphatase (CIP), using Akt2 (Phospho-Ser474) Antibody.



Immunohistochemistry-Paraffin: AKT2 [p Ser474] Antibody [NB100-81780] - Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using NB100-81780 (left) or the same antibody preincubated with blocking peptide (right).



Western Blot: AKT2 [p Ser474] Antibody [NB100-81780] - Analysis of extracts from 293 cells untreated (lane 1) or treated with serum (lane 2) using NB100-81780



Publications

Karaczyn AA, Adams TL, Cheng RY et al. Human NUMB6 Induces Epithelial-Mesenchymal Transition and Enhances Breast Cancer Cells Migration and Invasion. J. Cell. Biochem. 2016-06-15 [PMID: 27302072] (WB)



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Products Related to NB100-81780

NBL1-07442	AKT2 Overexpression Lysate
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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