

AKT (phospho Ser473) antibody

Cat. No. GTX132615

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Mouse, Rat

References (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Calculated MW 56 kDa. ([Note](#))

Product Note

This antibody is raised against human AKT1 phosphorylated at Ser473. Based on sequence homology, it is predicted to react with AKT2 and AKT3 when phosphorylated at the corresponding residues - AKT2 Ser474 and AKT3 Ser472.

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.31 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser473 of human AKT. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

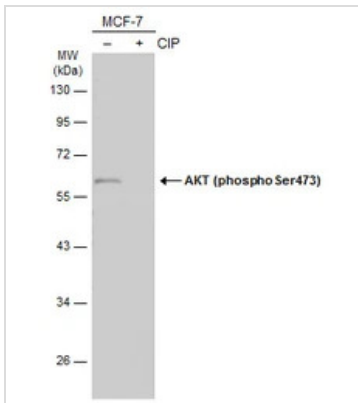
Note

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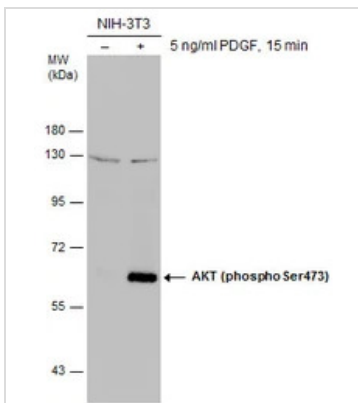
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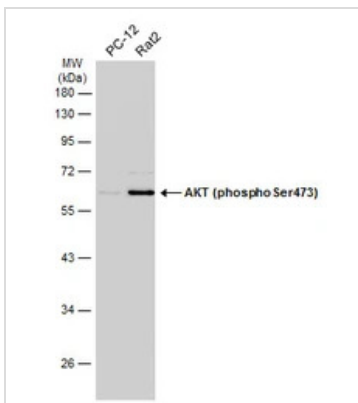
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DATA IMAGES

GTX132615 WB Image

Untreated (-) and treated (+) MCF-7 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with AKT (phospho Ser473) antibody (GTX132615) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX132615 WB Image

Untreated (-) and treated (+) NIH-3T3 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with AKT (phospho Ser473) antibody (GTX132615) diluted at 1:1000.


GTX132615 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with AKT (phospho Ser473) antibody (GTX132615) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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