

AKT (phospho Ser473) antibody

Cat. No. GTX50186

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human

Package
100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:1000
IHC-P	1:50-1:100

Not tested in other applications.

Product Note

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

Properties

Form	Liquid
Buffer	PBS, 150mM NaCl, 50% Glycerol
Preservative	0.02% Sodium azide
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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide sequence around phosphorylation site of serine 473 (Q-F-S(p)-Y-S) derived from human AKT.
Purification	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Conjugation	Unconjugated

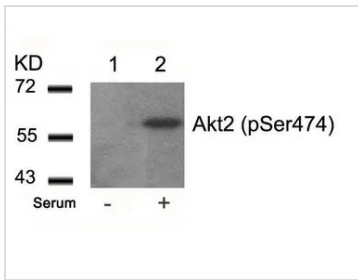
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

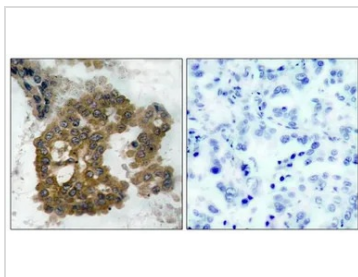
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DATA IMAGES

GTx50186 WB Image

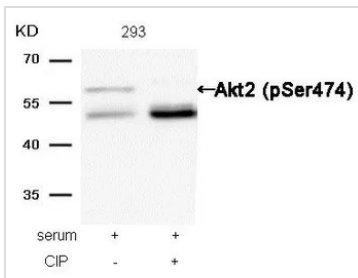
WB analysis of extracts from 293 cells untreated (lane 1) or treated with serum (lane 2) using GTx50186 AKT (phospho Ser473) antibody.


GTx50186 IHC-P Image

IHC-P analysis of human lung carcinoma tissue using GTx50186 AKT (phospho Ser473) antibody.

Left : Primary antibody

Right : Primary antibody pre-incubated with the antigen specific peptide


GTx50186 WB Image

WB analysis of extracts from 293 cells treated with serum or calf intestinal phosphatase (CIP) using GTx50186 AKT (phospho Ser473) antibody.



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