

AKT (phospho Tyr315) antibody

Cat. No. GTX50869

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

Package
100 μ l

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:1000
ICC/IF	1:100-1:200
IHC-P	1:50-1:100

Not tested in other applications.

Product Note The antibody detects endogenous level of AKT1/AKT2/AKT3 only when phosphorylated at tyrosine 315/316/312.

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 tyrosine 315/316/312 (P-E-Y(p)-L-A) derived from Human AKT1/AKT2/AKT3.
Purification	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Conjugation	Unconjugated



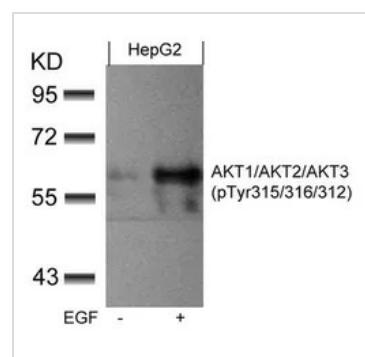
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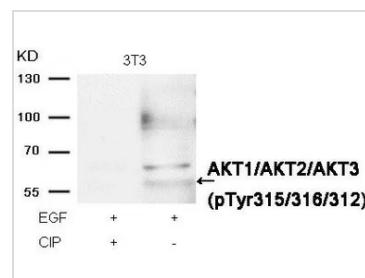
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Note

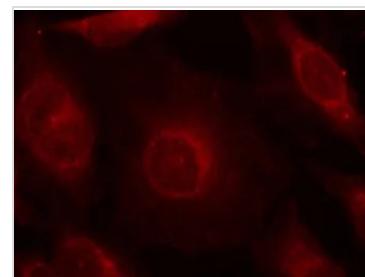
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DATA IMAGES**GTX50869 WB Image**

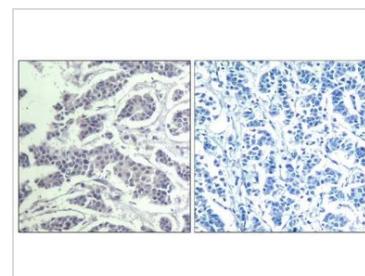
WB analysis of extracts from HepG2 cells untreated or treated with EGF using GTx50869 AKT (phospho Tyr315) antibody.

**GTX50869 WB Image**

WB analysis of extracts from 3T3 cells treated with EGF or calf intestinal phosphatase (CIP) using GTx50869 AKT (phospho Tyr315) antibody.

**GTX50869 ICC/IF Image**

ICC/IF analysis of methanol-fixed HeLa cells using GTx50869 AKT (phospho Tyr315) antibody.

**GTX50869 IHC-P Image**

IHC-P analysis of human breast carcinoma tissue using GTx50869 AKT (phospho Tyr315) antibody.

Left : Primary antibody

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



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