

## AKT1 antibody [HL1142]

Cat. No. GTX636413

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Rat, Cat, Dog

Package  
100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 60 kDa.

**Product Note** This antibody is specific for AKT1 protein and does not cross react with AKT2 or AKT3 protein.

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	Recombinant protein encompassing a sequence within the center region of human AKT1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

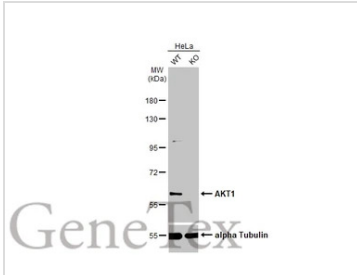
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

## Note

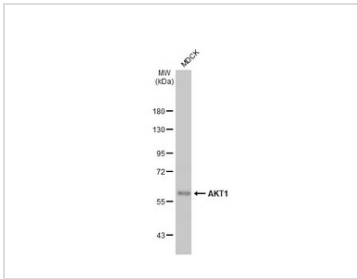
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## DATA IMAGES



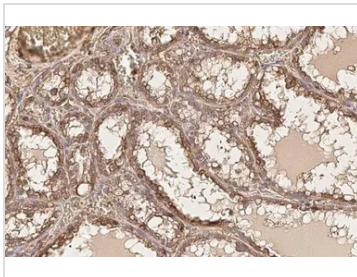
### GTX636413 WB Image

Wild-type (WT) and AKT1 knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with AKT1 antibody [HL1142] (GTX636413) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



### GTX636413 WB Image

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with AKT1 antibody [HL1142] (GTX636413) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



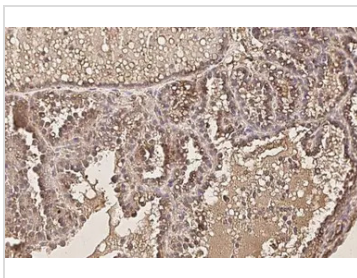
### GTX636413 IHC-P Image

AKT1 antibody [HL1142] detects AKT1 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded dog mammary gland.

AKT1 stained by AKT1 antibody [HL1142] (GTX636413) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



### GTX636413 IHC-P Image

AKT1 antibody [HL1142] detects AKT1 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded cat mammary gland.

AKT1 stained by AKT1 antibody [HL1142] (GTX636413) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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