

AMPK alpha 1 (phospho Thr183) + AMPK alpha 2 (phospho Thr172) antibody

Cat. No. GTX52341

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

References (16)

★★★★★ Review (1)

Package
100 µg

Applications

Application Note

WB 1:500-1:2000, IHC 1:50-1:200

Calculated MW 64 kDa. ([Note](#))**Product Note** The sequence around AMPK alpha 1 (phospho Thr183) is conserved with the sequence around AMPK alpha 2 (phospho Thr172).AAPK1

Properties

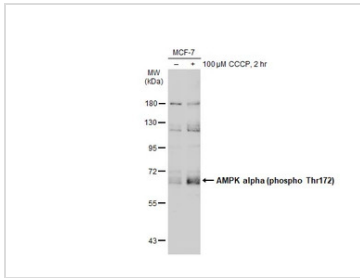
Form Liquid**Buffer** PBS, 150mM NaCl, 50% Glycerol**Preservative** 0.02% Sodium azide**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Immunogen** A synthesized peptide derived from human AMPK alpha around the phosphorylation site of Thr172**Purification** Antigen affinity purification**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.

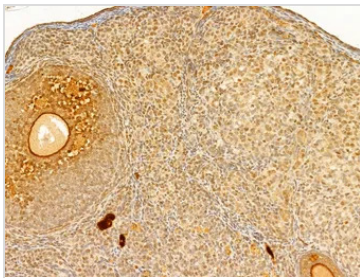
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DATA IMAGES

**GTX52341 WB Image**

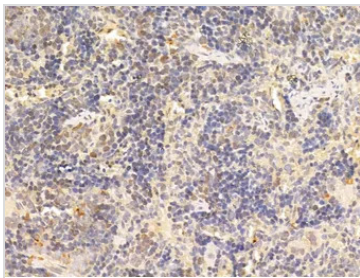
Untreated (-) and treated (+) MCF-7 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with AMPK alpha 1 (phospho Thr183) + AMPK alpha 2 (phospho Thr172) antibody (GTX52341) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

**GTX52341 IHC-P Image**

IHC-P analysis of mouse kidney tissue using GTX52341 AMPK alpha 1 (phospho Thr183) + AMPK alpha 2 (phospho Thr172) antibody.

Antigen retrieval : Heat mediated antigen retrieval step in citrate buffer

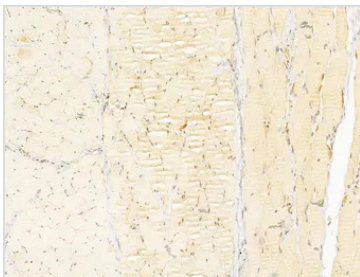
Dilution: 1:100

**GTX52341 IHC-P Image**

IHC-P analysis of rat spleen tissue using GTX52341 AMPK alpha 1 (phospho Thr183) + AMPK alpha 2 (phospho Thr172) antibody.

Antigen retrieval : Heat mediated antigen retrieval step in citrate buffer

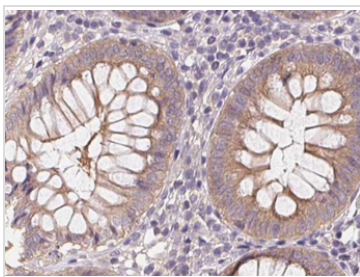
Dilution: 1:100

**GTX52341 IHC-P Image**

IHC-P analysis of rat skin tissue using GTX52341 AMPK alpha 1 (phospho Thr183) + AMPK alpha 2 (phospho Thr172) antibody.

Antigen retrieval : Heat mediated antigen retrieval step in citrate buffer

Dilution: 1:100

**GTX52341 IHC-P Image**

IHC-P analysis of human colon tissue using GTX52341 AMPK alpha 1 (phospho Thr183) + AMPK alpha 2 (phospho Thr172) antibody.

Antigen retrieval : Heat mediated antigen retrieval step in citrate buffer

Dilution: 1:100



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