

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

Cat. No. GTX03702

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

References (3)
 Package
 100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:2000
ICC/IF	Assay dependent
IHC-P	1:100-1:500
FCM	1:100

Note : Permeabilization : 0.1% PBST for 20 min at room temperature

Not tested in other applications.

Calculated MW 64 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	10mM TBS, 1% BSA, 50% Glycerol
Preservative	0.02% Proclin300
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	KLH conjugated synthetic phosphopeptide derived from mouse AMPK alpha 2 around the phosphorylation site of Thr172
Purification	Protein A purified
Conjugation	Unconjugated



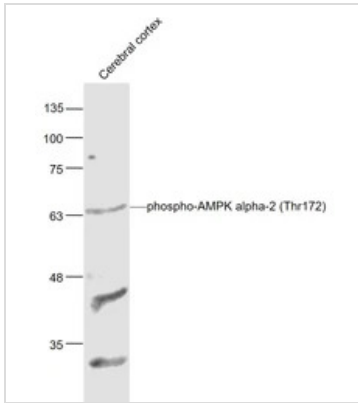
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

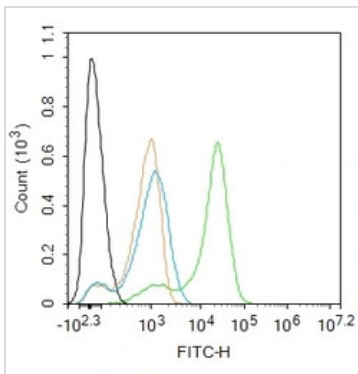
DATA IMAGES



GTX03702 WB Image

WB analysis of mouse cerebral cortex lysates using GTX03702 AMPK alpha 1 (phospho Thr183) + AMPK alpha 2 (phospho Thr172) antibody.

Dilution : 1:1000



GTX03702 FCM Image

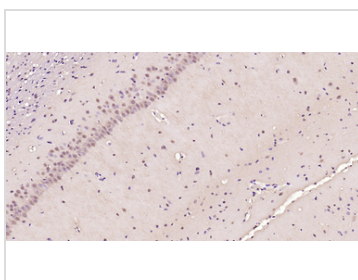
FACS analysis of 4% PFA-fixed U-937 cells using GTX03702 AMPK alpha 1 (phospho Thr183) + AMPK alpha 2 (phospho Thr172) antibody. Acquisitions of 20,000 events were performed.

Green : Primary antibody

Orange : Isotype control

Permeabilization : 0.1% PBST for 20 min at room temperature

Dilution : 1:100



GTX03702 IHC-P Image

IHC-P analysis of rat brain tissue using GTX03702 AMPK alpha 1 (phospho Thr183) + AMPK alpha 2 (phospho Thr172) antibody.

Antigen retrieval : Boiling in sodium citrate buffer (pH6.0) for 15min

Dilution : 1:200



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