Datasheet for ABIN7265449

anti-AP2M1 antibody (pThr156)

1 Image

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Overview

Quantity:	100 µL
Target:	AP2M1
Binding Specificity:	pThr156
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP2M1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-AP2M1-T156 Rabbit pAb
Immunogen:	A synthetic phosphorylated peptide around T156 of human AP2M1 (NP_001020376.1).
Sequence:	TGQIG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	AP2M1

Target Details

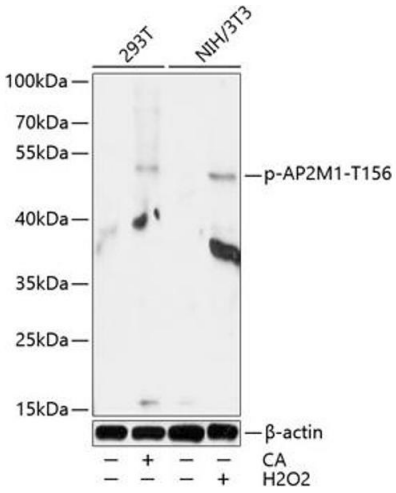
Alternative Name:	AP2M1 (AP2M1 Products)
Background:	This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Three transcript variants encoding different isoforms have been found for this gene.,AP2M1,AP50,CLAPM1,mu2,Signal Transduction,Neuroscience,Neurodegenerative Diseases,Protein phosphorylation,AP2M1
Molecular Weight:	49kDa
Gene ID:	1173
UniProt:	Q96CW1
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, EGFR Downregulation, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of 293T and NIH/3T3 cells, using Phospho-M1-T156 antibody (ABIN7265449) at 1:1000 dilution. 293T cells were treated by Calyculin A for 30 minutes after serum-starvation overnight.NIH/3T3 cells were treated by Hydrogen Peroxide (2nM) for 15 minutes after serum-starvation overnight.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % BSA.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.