

Product Datasheet

Acetyl-coenzyme A transporter 1 Antibody (3A4) H00009197-M07

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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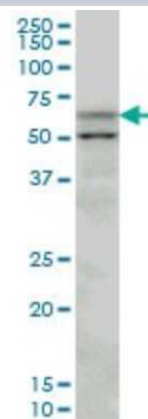


H00009197-M07**Acetyl-coenzyme A transporter 1 Antibody (3A4)**

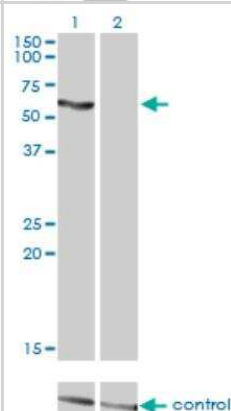
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3A4
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	9197
Gene Symbol	SLC33A1
Species	Human, Mouse, Rat, Hamster
Specificity/Sensitivity	SLC33A1 (3A4)
Immunogen	SLC33A1 (NP_004724, 1 a.a. ~ 69 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSPTISHKDSSRQRRPGNFSHSLDMKSGPLPPGGWDDSHLDSAGREGDREA LLGDTGTGDFLKAPQSFR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/Immunofluorescence, Knockdown Validated
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. It has also been used for ELISA and RNAi validation.

Images

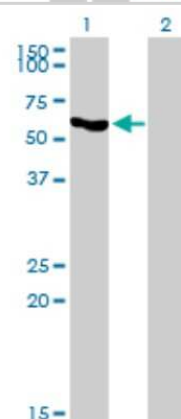
Western Blot: Acetyl-coenzyme A transporter 1 Antibody (3A4) [H00009197-M07] - Analysis of SLC33A1 expression in PC-12 (Cat # L012V1).



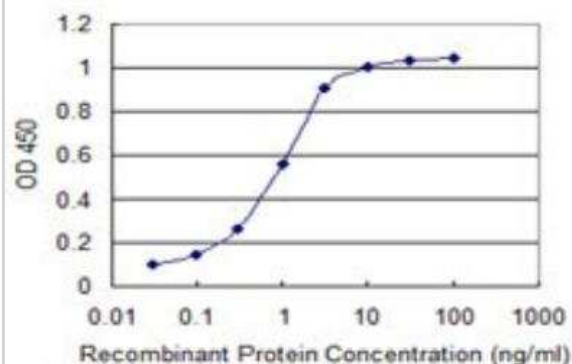
Western Blot: Acetyl-coenzyme A transporter 1 Antibody (3A4) [H00009197-M07] - Western blot analysis of SLC33A1 over-expressed 293 cell line, cotransfected with SLC33A1 Validated Chimera RNAi or non-transfected control. Blot probed with H00009197-M07. GAPDH (36.1 kDa) used as loading control.



Western Blot: Acetyl-coenzyme A transporter 1 Antibody (3A4) [H00009197-M07] - Analysis of SLC33A1 expression in transfected 293T cell line by SLC33A1 monoclonal antibody (M07), clone 3A4. Lane 1: SLC33A1 transfected lysate (60.9 kDa). Lane 2: Non-transfected lysate.



ELISA: Acetyl-coenzyme A transporter 1 Antibody (3A4) [H00009197-M07] - Detection limit for recombinant GST tagged SLC33A1 is 0.03 ng/ml as a capture antibody.



Publications

Jonas MC, Pehar M, Puglielli L. AT-1 is the ER membrane acetyl-CoA transporter and is essential for cell viability. *J Cell Sci.* 2010-09-07 [PMID: 20826464]

Pehar M, Jonas MC, Hare TM, Puglielli L. SLC33A1/AT-1 regulates the induction of autophagy down-stream of IRE1/XBP1. *J Biol Chem.* 2012-07-11 [PMID: 22787145]





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Products Related to H00009197-M07

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00009197-P01-2ug	Recombinant Human Acetyl-coenzyme A transporter 1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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