

Product Datasheet

ASNA1 Antibody (2H3) - Azide and BSA Free H00000439-M03

Unit Size: 0.1 mg

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

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H00000439-M03

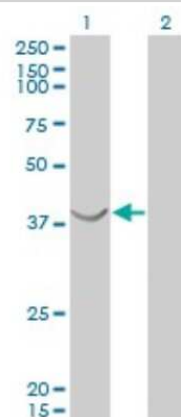
ASNA1 Antibody (2H3) - Azide and BSA Free

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	2H3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	439
Gene Symbol	GET3
Species	Human, Rat
Specificity/Sensitivity	ASNA1 - arsA arsenite transporter, ATP-binding, homolog 1 (bacterial)
Immunogen	ASNA1 (NP_004308, 239 a.a. ~ 348 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PEQTTFCVCI AEFLSLYETERLIQELAKCKIDTHNIIVNQLVFPDPEKPKCKMCEA RHKIQAKYLDQMEDLYEDFHIVKLPLLPHEVRGADKVNTF SALLLEPYKPPSAQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, RNAi Validation and ELISA.

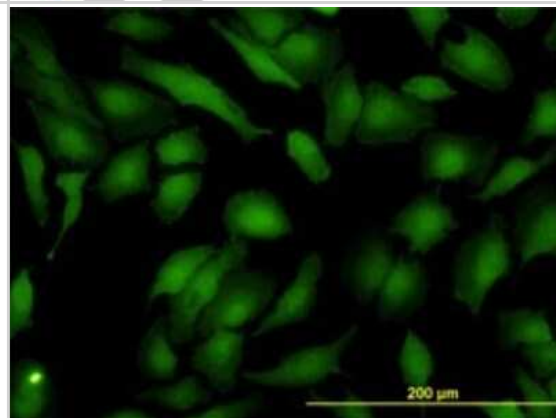


Images

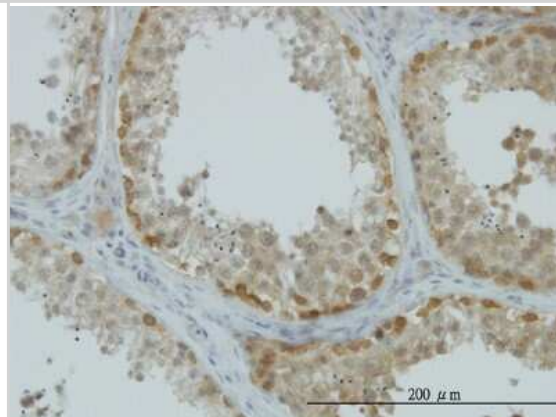
Western Blot: ASNA1 Antibody (2H3) [H00000439-M03] - Analysis of ASNA1 expression in transfected 293T cell line by ASNA1 monoclonal antibody (M03), clone 2H3. Lane 1: ASNA1 transfected lysate (38.8 KDa). Lane 2: Non-transfected lysate.



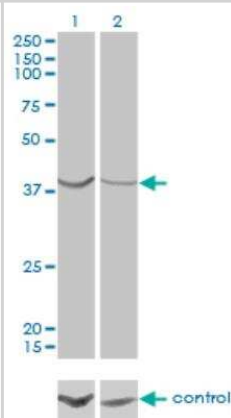
Immunocytochemistry/Immunofluorescence: ASNA1 Antibody (2H3) [H00000439-M03] - Analysis of monoclonal antibody to ASNA1 on HeLa cell. Antibody concentration 10 ug/ml



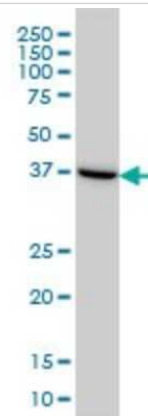
Immunohistochemistry-Paraffin: ASNA1 Antibody (2H3) [H00000439-M03] - Analysis of monoclonal antibody to ASNA1 on formalin-fixed paraffin-embedded human testis. Antibody concentration 0.5 ug/ml



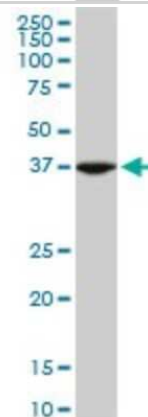
Western Blot: ASNA1 Antibody (2H3) [H00000439-M03] - Western blot analysis of ASNA1 over-expressed 293 cell line. Lane 2 cotransfected with ASNA1 Validated Chimera RNAi Lane 1 non-transfected control. Blot probed with H00000439-M03. GAPDH (36.1 kDa) used as loading control.



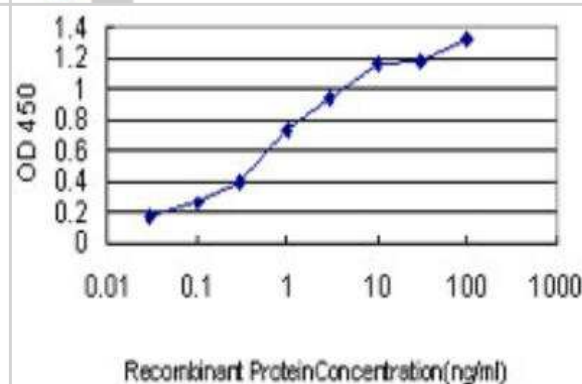
Western Blot: ASNA1 Antibody (2H3) [H00000439-M03] - Analysis of ASNA1 expression in HeLa (Cat # L013V1).



Western Blot: ASNA1 Antibody (2H3) [H00000439-M03] - Analysis of ASNA1 expression in PC-12 (Cat # L012V1).



ELISA: ASNA1 Antibody (2H3) [H00000439-M03] - Detection limit for recombinant GST tagged ASNA1 is approximately 0.03ng/ml as a capture antibody.



Publications

Ott M, Marques D, Funk C, Bailer SM. Asna1/TRC40 that mediates membrane insertion of tail-anchored proteins is required for efficient release of Herpes simplex virus 1 virions. *Virol J* 2016-10-20 [PMID: 27765046]

Rabu C, Wipf P, Brodsky JL, High S. A precursor specific role for Hsp40/Hsc70 during tail-anchored protein integration at the endoplasmic reticulum. *J Biol Chem*. 2008-07-29 [PMID: 18667436]

Baron Y, Pedrioli PG, Tyagi K et al. VAPB/ALS8 interacts with FFAT-like proteins including the p97 cofactor FAF1 and the ASNA1 ATPase. *BMC Biol* 2014-05-29 [PMID: 24885147] (ICC/IF, Human)



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Products Related to H00000439-M03

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-22694	Recombinant Human ASNA1 His 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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