

Product Datasheet

AHSA1 Antibody (1A2-A8) - Azide and BSA Free H00010598-M01

Unit Size: 0.1 mg

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

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H00010598-M01

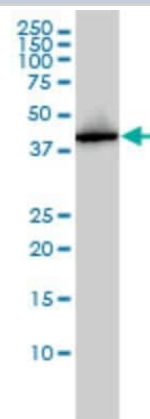
AHSA1 Antibody (1A2-A8) - Azide and BSA Free

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	1A2-A8
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	10598
Gene Symbol	AHSA1
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 26191005). Other species not tested.
Specificity/Sensitivity	AHSA1 - AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast)
Immunogen	AHSA1 (AAH00321, 1 a.a. ~ 338 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAKWGEGDPRWIVEERANATNVNNWHWTERDASNWSTDKLKTLFLAVQVQN EEGKCEVTEVSKLDGEASINNRKGKLIFFYEWVSVKLNWTGTSKSGVQYKGVHVE IPNLSGENSVDEVEISVSLAKDEPDNLVALMKEEGVKLLREAMGIYISTLKTEFT QGMILPTMNGESVDPVGPALKTEERKAKPAPSKTQARPVGVKIPTCKITLKET FLTSPEELYRVFTTQELVQAFTHAPATLEADRGGKFHMDGNVSGEFTDLVPE KHIVMKWRFKSWPEGHFATITLTFIDKNGETELCMEGRGIPAPEEERTRQGWQ RYYFEGIKQTFGYGARLF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA.

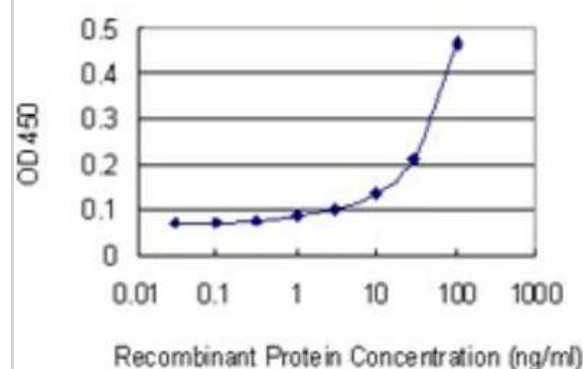


Images

Western Blot: AHSA1 Antibody (1A2-A8) [H00010598-M01] - AHSA1 monoclonal antibody (M01), clone 1A2-A8 Analysis of AHSA1 expression in HepG2.



Sandwich ELISA: AHSA1 Antibody (1A2-A8) [H00010598-M01] - Detection limit for recombinant GST tagged AHSA1 is 3 ng/ml as a capture antibody.



Publications

Bergbower E, Boinot C, Sabirzhanova I et al. The CFTR-Associated Ligand Arrests the Trafficking of the Mutant ? F508 CFTR Channel in the ER Contributing to Cystic Fibrosis. *Cell Physiol Biochem* 2018-01-29 [PMID: 29402832]

Weed PF, Filipeanu CM, Ketchum MJ, Winsauer PJ Chronic Delta9-Tetrahydrocannabinol during Adolescence Differentially Modulates Striatal CB1 Receptor Expression and the Acute and Chronic Effects on Learning in Adult Rats. *J Pharmacol Exp Ther* 2016-01-01 [PMID: 26462539]

Winsauer PJ, Filipeanu CM, Weed PF, Sutton JL. Hormonal status and age differentially affect tolerance to the disruptive effects of delta-9-tetrahydrocannabinol (Delta(9)-THC) on learning in female rats. *Front Pharmacol* 2015-01-01 [PMID: 26191005] (WB, Rat)

Taylor DM, Tradewell ML, Minotti S, Durham HD. Characterizing the role of Hsp90 in production of heat shock proteins in motor neurons reveals a suppressive effect of wild-type Hsf1. *Cell Stress Chaperones*. 2007-01-01 [PMID: 17688194]

Filipeanu CM, Guidry JJ, Leonard ST, Winsauer PJ. deltaG9-THC increases endogenous AHA1 expression in rat cerebellum and may modulate CB1 receptor function during chronic use. *J Neurochem*. 2011-07-22 [PMID: 21781118]

Trzcinska-Daneluti A, Ly D, Huynh L et al. High-content functional screen to identify proteins that correct F508del-CFTR function. *Mol Cell Proteomics* 8(4):780-90. 2009-04-01 [PMID: 19088066]



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Products Related to H00010598-M01

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)
NBP3-18324-100ug	Recombinant Mouse AHSA1 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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