

Product Datasheet

Calsequestrin 2 Antibody (1B6) - Azide and BSA Free H00000845-M01

Unit Size: 0.1 mg

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

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Publications: 1

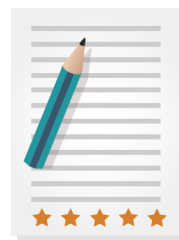
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H00000845-M01

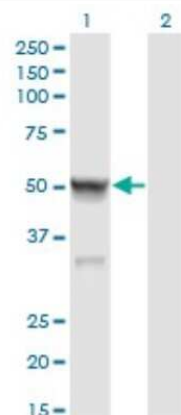
Calsequestrin 2 Antibody (1B6) - Azide and BSA Free

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	1B6
Preservative	No Preservative
Isotype	IgG2b 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	845
Gene Symbol	CASQ2
Species	Human
Specificity/Sensitivity	CASQ2 - calsequestrin 2 (cardiac muscle)
Immunogen	CASQ2 (AAH22288, 20 a.a. ~ 399 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EEGLNFPTYDGKDRVVSLSSEKNFKQVLKKYDLLCLYYHEPVSSDKVTQKQFQL KEIVLELVAQVLEHKAIGFVMVDAKKEAKLAKKLGFDEEGSLYILKGDRTIEFDG EFAADVLVEFLDLIEDPVEIISSEKLEVQAFERIEDYIKLIGFFKSEDSEYYKAFEE AAEHFQPYIKFFATFDKGVAKKLSLKMNEVDFYEPFMDEPIAIPNKPYTEEELVE FVKEHQRPTRLRRLRPEEMFETWEDDLNGIHIVAFAEKSDPDGYEFLEILKQVAR DNTDNPDLNILWIDPDDFPLLVAWYWEKTFKIDLFRPQIGVNVNVTADSVWMEIPD DDDLPTAELEDWIEDVLSGKINTEDDDEDDDDDDNSDEEDNDDSDDDDDDE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

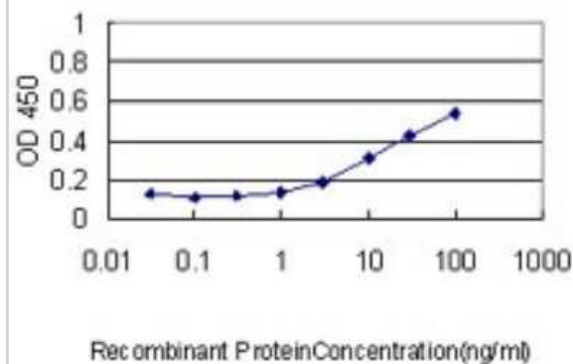


Images

Western Blot: Calsequestrin 2 Antibody (1B6) [H00000845-M01] - Analysis of CASQ2 expression in transfected 293T cell line by CASQ2 monoclonal antibody (M01), clone 1B6. Lane 1: CASQ2 transfected lysate(46.4 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: Calsequestrin 2 Antibody (1B6) [H00000845-M01] - Detection limit for recombinant GST tagged CASQ2 is approximately 0.3ng/ml as a capture antibody.



Publications

Leatherbury L, Yu Q, Chatterjee B et al. A novel mouse model of X-linked cardiac hypertrophy. Am J Physiol Heart Circ Physiol 2008-04-18 [PMID: 18424640]

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Products Related to H00000845-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-41229	Recombinant Human Calsequestrin 2 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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