

Product Datasheet

TCP1-beta Antibody (2G6) - Azide and BSA Free H00010576-M01

Unit Size: 0.1 mg

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

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H00010576-M01

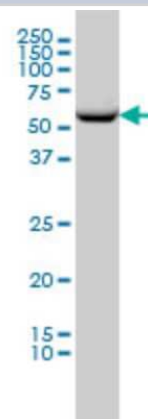
TCP1-beta Antibody (2G6) - Azide and BSA Free

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	2G6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	10576
Gene Symbol	CCT2
Species	Human, Mouse, Hamster
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	CCT2 - chaperonin containing TCP1, subunit 2 (beta)
Immunogen	CCT2 (NP_006422, 117 a.a. ~ 217 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. IAKKIHPQTIIAGWREATKAAREALLSSAVDHGSDEVKFRQDLMNIAGTTLSSKL LTHHKDHFTKLAVEAVLRLKSGSNLEAIHIIKKLGGSLADSYLDEG
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, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.

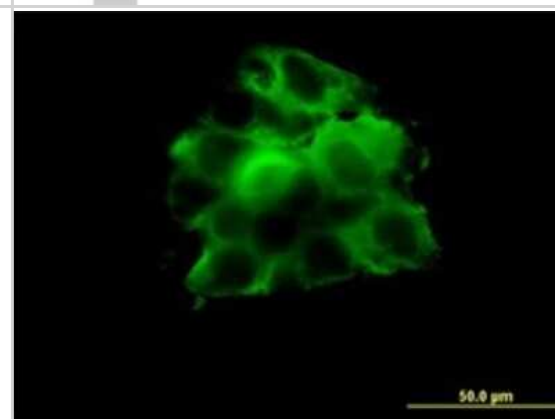


Images

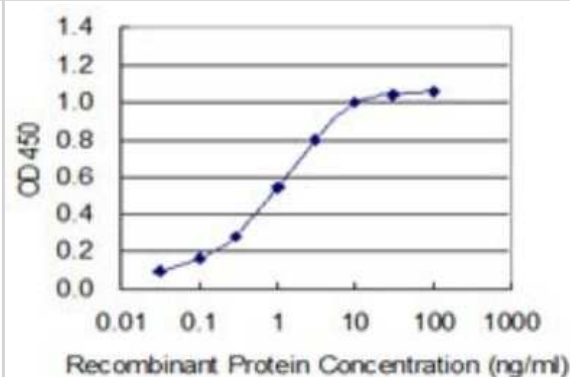
Western Blot: TCP1-beta Antibody (2G6) [H00010576-M01] - CCT2 monoclonal antibody (M01), clone 2G6 Analysis of CCT2 expression in A-431.



Immunocytochemistry/Immunofluorescence: TCP1-beta Antibody (2G6) [H00010576-M01] - Analysis of monoclonal antibody to CCT2 on A-431 cell. Antibody concentration 10 ug/ml.



Sandwich ELISA: TCP1-beta Antibody (2G6) [H00010576-M01] - Detection limit for recombinant GST tagged CCT2 is 0.03 ng/ml as a capture antibody.



Publications

Wu CA, Chang LC, Lin YF et al. Chaperonin-Containing t-Complex Protein-1 Subunit? as a Possible Biomarker for the Phase of Glomerular Hyperfiltration of Diabetic Nephropathy. Dis Markers

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Wu CA, Chang LC, Lin YF et al. Chaperonin-Containing t-Complex Protein-1 Subunitbeta as a Possible Biomarker for the Phase of Glomerular Hyperfiltration of Diabetic Nephropathy. Disease Markers. 2016-01-01 [PMID: 27069298]

Wu CA, Chang LC, Lin YF et al. Chaperonin-containing t-complex protein-1 subunit beta as a possible biomarker for the phase of glomerular hyperfiltration of diabetic nephropathy. Dis Markers 2015-01-01 [PMID: 25944975]

Machida K, Masutani M, Kobayashi T et al. Reconstitution of the human chaperonin CCT by co-expression of the eight distinct subunits in mammalian cells. Protein Expr Purif. 2012-03-01 [PMID: 22133715] (WB)

Seo S, Baye LM, Schulz NP et al. BBS6, BBS10, and BBS12 form a complex with CCT/TRiC family chaperonins and mediate BBSome assembly. Proc Natl Acad Sci U S A 107(4):1488-93. 2010-01-26 [PMID: 20080638]



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Products Related to H00010576-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)
NBP1-88146PEP	TCP1-beta Recombinant Protein Antigen

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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