

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

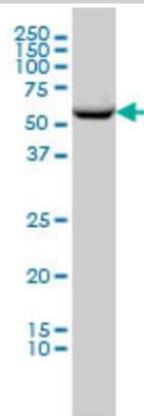
TCP1-beta Antibody (2G6) - Azide and BSA Free

| 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 LTHHKDHFTKLAVEAVLRLKSGNLEAIHIIKKLGGSLADSYLDEG |
| 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. |

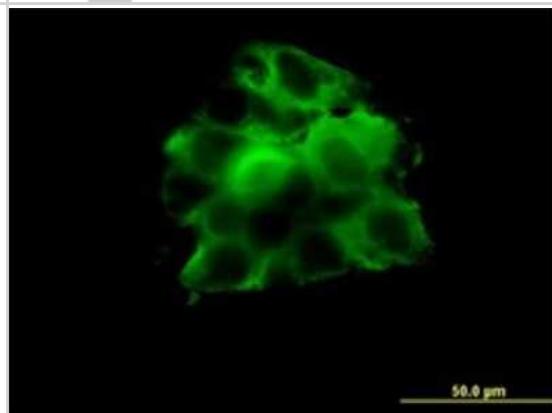


Images

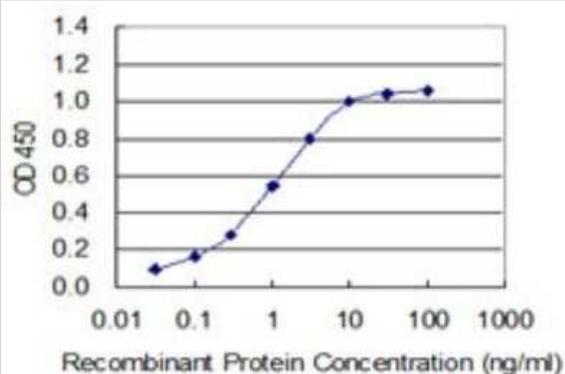
Western Blot: TCP1-beta Antibody (2G6) [H00010576-M01] - CCT2 monoclonal antibody (M01), clone 2G6 Analysis of CCT2 expression in A-431.



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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| | |
|------------------|---|
| 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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