

Guidebook to the Calcium-Binding Proteins (Sambrook & Tooze Guidebook Series)



This work details all that is currently known about the calcium-binding proteins. Calcium-binding proteins form a large family and have many functions within the cell, including decoding cellular signals. This is an active and expanding area of research, with new and important discoveries continually being made. Biochemists will find this book useful, as will biologists in many fields in which the calcium-binding proteins are involved, such as neuroscience.

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cloning and expression of secretagogin, a novel neuroendocrine We provide evidence that calbindin-D28K binds Ca^{2+} in at least two distinct . Our results show that CB28K possesses two kinetically distinct types of Ca^{2+} B. Schwaller
Guidebook to the Calcium-Binding Proteins Sambrook & Tooze **Calcyclin (S100A6) Binding Protein (CacyBP) Is Highly Expressed in Ca^{2+} -dependent Translocation of the Calcyclin-binding Protein in** Guidebook to Molecular Chaperones and Protein-Folding Catalysts Sambrook & Tooze Guidebook Series Guidebook to the Calcium-Binding Proteins. **A model for target protein binding to calcium-activated S100 dimers** Jan 12, 1995
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Library Jun 7, 2002 Recombinant CacyBP can be phosphorylated by protein kinase C in vitro. Calcyclin (S100A6) is a calcium-binding protein of the EF-hand type .. Lanes 1 and 3 show the phosphorylation of CacyBP by PKC and . (1996) in Guidebook to the Calcium Binding Proteins, ed Celio M. R. (Sambrook & Tooze, **A model for target protein binding to calcium?activated S100 dimers** Here we show that the neuron-specific calcium sensor-1 (NCS-1) is essential for optimal IT. ncs-1 A loss-of-function form of NCS-1 incapable of binding calcium does not restore IT, .. M.R Celio (Ed.), Guidebook to the Calcium-Binding Proteins, Sambrook and Tooze Publication, Oxford (1996) 9498, 112. **Novel insights into structure and function of MRP8 (S100A8) and** ATP-binding sites, and class 2 proteins (M, N, X, and Y) Side views show two rings stacked to- gether (a .. calcium-binding protein (Borisjuk et al., 1998). CRT has .. Sambrook, S Tooze, eds, Guidebook to Molecular Chaperones. **Guidebook to Molecular Chaperones and Protein-Folding Catalysts - Google Books Result** previously identified mannose binding protein. 34,35 SSR? and associated calnexin are major calcium binding proteins of the endoplasmic reticulum In: Guidebook to the Secretory Pathway. Rothblatt J, Novick P, Stevens T, eds. Sambrook and Tooze publication at the Oxford University Press Inc: New York NY, 1994. 6. **Ca²⁺ Signaling via the Neuronal Calcium Sensor-1 Regulates** This is the latest book in the Sambrook and Tooze Guidebook Series, and it fields in which the calcium-binding proteins are involved, such as neuroscience. **Calreticulin - Google Books Result** Other books by Sambrook & Tooze Publications Guidebook to the and Lukas A. Huber Guidebook to the Calcium-Binding Proteins Edited by Marco Celio **Guidebook to the Calcium-Binding Proteins Edited by Marco R** seen at P21. The results presented here show that CacyBP is predominantly a neuronal protein. In Celio MR ed. Guidebook to the Calcium Binding Proteins. Oxford, Sambrook & Tooze, Oxford University Press, 143145 Google Scholar. **Group Tatiana Petrova - DEO - Unil** calcium binding proteins might play a more general role in secretory granule Celio, R. C., Pauls, T., and Schwaller, B. (1996) Guidebook to the calcium-binding Guidbook series, A Sambrook & Tooze Publication at Oxford University. **Guidebook to the calcium-binding proteins - Marco R. Celio, Thomas** Feb 12, 1998 Molecular chaperones and protein folding catalysts bind to developing polypeptides in the cytoplasm Sambrook & Tooze Guidebook Series. **Guidebook to the Cytoskeletal and Motor Proteins - Thomas Kreis** Chem. (1997) 272, 49, 3081230816. Celio, M. R. (Ed.) Guidebook to the Calcium-Binding Proteins. Sambrook and Tooze with Oxford University Press, Oxford, Guidebook to the Calcium-Binding Proteins. Oxford: Sambrook and Tooze with OUP, 1996. 26. Potts BC, Smith J, AJcke M et al. The structure of calcyclin reveals **Guidebook to the Calcium-Binding Proteins - Marco Celio - Oxford** Feb 1, 1996 Guidebook to the Small GTPases. Edited by A Sambrook and Tooze Publications Publication Sambrook & Tooze Guidebook Series. Cover **Sambrook & Tooze Guidebook Series - Oxford University Press** Abstract S100 proteins are a family of dimeric calcium-binding states show that the linker region contains no ordered struc- ture [9 .. [2] Celio, M.R. (1996) Guidebook to the Calcium-binding Proteins., Sambrook and Tooze with OUP, Oxford. **Regulation of NMDA-type Glutamate Receptors and MDR1 by Two - Google Books Result** S100 proteins are a family of dimeric calcium-binding proteins implicated in The NMR data for P43G in the apo and calcium-bound states show that the . 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