



Selected Publications Citing 21st Century Biochemicals Custom Antibodies

* Denotes phosphospecific antibody

***Inhibition of Membrane-Type 1 Matrix Metalloproteinase Tyrosine Phosphorylation Blocks Tumor Progression in Mice.** Carine Nyalendo, Herve Sartelet, Denis Gingras, and Richard Beliveau **Anticancer Res.**, Jun 2010; 30: 1887 - 1895.

***Cdk5-Mediated Phosphorylation of -Catenin Regulates Its Localization and GluR2-Mediated Synaptic Activity.** Charlene P. Poore, Jeyapriya R. Sundaram, Tej K. Pareek, Amy Fu, Niranjana Amin, Nur Ezan Mohamed, Ya-Li Zheng, Angeline X. H. Goh, Mitchell K. Lai, Nancy Y. Ip, Harish C. Pant, and Sashi Kesavapany. **J. Neurosci.**, Jun 2010; 30: 8457 - 8467.

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***Dasatinib inhibits site-specific tyrosine phosphorylation of androgen receptor by Ack1 and Src kinases.** Y Liu, M Karaca, Z Zhang, D Gioeli, H S Earp and Y E Whang. **Oncogene** June, 2010. 29, 3208–3216.

***cAMP-stimulated Protein Phosphatase 2A Activity Associated with Muscle A Kinase-anchoring Protein (mAKAP) Signaling Complexes Inhibits the Phosphorylation and Activity of the cAMP-specific Phosphodiesterase PDE4D3** Kimberly L. Dodge-Kafka, Andrea Bauman, Nicole Mayer, Edward Henson, Lorena Heredia, Jung Ahn, Thomas McAvoy, Angus C. Nairn, and Michael S. Kapiloff **J. Biol. Chem.**, Apr 2010; 285: 11078 - 11086.

Wilms Tumor Suppressor 1 (WT1) and Early Growth Response 1 (EGR1) Are Regulators of STIM1 Expression. Michael F. Ritchie, Chanyu Yue, Yandong Zhou, Peter J. Houghton, and Jonathan Soboloff. **J. Biol. Chem.**, Apr 2010; 285: 10591 - 10596.

***Involucrin-claudin-6 tail deletion mutant (C206) transgenic mice: a model of delayed epidermal permeability barrier formation and repair.** Adebola Enikanolaiye, Nathalie Larivière, Tammy-Claire Troy, Azadeh Arabzadeh, Elif Atasoy, and Kursad Turksen. **Dis. Model. Mech.**, Mar 2010; 3: 167 - 180.

Regional and Subcellular Distribution of HDAC4 in Mouse Brain. Michael J. Darcy, Kate Calvin, Katie Cavnar, and Charles C. Ouimet. **The Journal of Comparative Neurology, Research in Systems Neuroscience**, March, 2010. 518:722–740.

A SLC4-like anion exchanger from renal tubules of the mosquito (*Aedes aegypti*): evidence for a novel role of stellate cells in diuretic fluid secretion. Peter M. Piermarini, Laura F. Grogan, Kenneth Lau, Li Wang, and Klaus W. Beyenbach. **Am J Physiol Regulatory Integrative Comp Physiol**, Am J Physiol Regulatory Integrative Comp Physiol, Mar 2010; 298: R642 - R660.

Proteomic Analysis of GLUT4 Storage Vesicles Reveals LRP1 to Be an Important Vesicle Component and Target of Insulin Signaling. Mark P. Jedrychowski, Carlos A. Gartner, Steven P. Gygi, Li Zhou, Joachim Herz, Konstantin V. Kandror, and Paul F. Pilch. **J. Biol. Chem.**, Jan 2010; 285: 104 - 114.

***Global phosphoproteomics identifies a major role for akt and 14-3-3 in regulating Edc3**
Mark Larance, Alexander F. Rowland, Kyle Hoehn, David T. Humphreys, Thomas Preiss, Michael
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Department of Pharmacology, Toxicology, and Neuroscience, **PLoS ONE 4(12): e8466.**
doi:10.1371/journal.pone.0008466

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