

## **PKCθ Antibody**



Orders: 877-616-CELL (2355) orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

## For Research Use Only. Not for Use in Diagnostic Procedures.

|                              | Reactivity:<br>H M R Mk | <b>Sensitivity:</b><br>Endogenous  | <b>MW (kDa):</b><br>80 | <b>Source/Isotype:</b><br>Rabbit | UniProt ID:<br>#Q04759            | Entrez-Gene Id<br>5588 |
|------------------------------|-------------------------|--|------------------------|----------------------------------|-----------------------------------|------------------------|
| Product Usage<br>Information |                         | <b>Application</b> Western Blotting Immunohistochemistry (Paraffin)  |                        |                                  | <b>Dilution</b><br>1:1000<br>1:25 |                        |
| Storage                      |                         | Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.   |                        |                                  |                                   |                        |
| Specificity/Sensitivity      |                         | PKC $\theta$ Antibody detects endogenous levels of total PKC $\theta$ . The antibody does not crossreact with endogenous levels of other PKC isoforms.   |                        |                                  |                                   |                        |
| Source / Purification        |                         | Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to the sequence of human PKC0. Antibodies are purified by protein A and peptide affinity chromatography.   |                        |                                  |                                   |                        |
| Background                   |                         |  |                        |                                  |                                   |                        |
| Background References        |                         | <ol> <li>Nishizuka, Y. (1984) Nature 308, 693-8.</li> <li>Keranen, L.M. et al. (1995) Curr Biol 5, 1394-403.</li> <li>Mellor, H. and Parker, P.J. (1998) Biochem J 332 ( Pt 2), 281-92.</li> <li>Ron, D. and Kazanietz, M.G. (1999) FASEB J 13, 1658-76.</li> <li>Moscat, J. and Diaz-Meco, M.T. (2000) EMBO Rep 1, 399-403.</li> <li>Baron, C.L. and Malhotra, V. (2002) Science 295, 325-8.</li> <li>Flynn, P. et al. (2000) J Biol Chem 275, 11064-70.</li> </ol> |                        |                                  |                                   |                        |
| Species Reactivity           |                         | Species reactivity is d  | etermined by testin    | g in at least one approve        | ed application (e.g.,             | western blot).         |

Species Reactivity

**Western Blot Buffer** IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X

TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

**Applications Key** W: Western Blotting IHC-P: Immunohistochemistry (Paraffin)

**Cross-Reactivity Key** H: Human M: Mouse R: Rat Mk: Monkey

**Trademarks and Patents** Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.

> All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.

## **Limited Uses**

Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.

Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.

Orders: 877-616-CELL (2355) • orders@cellsignal.com • Support: 877-678-TECH (8324) • info@cellsignal.com • Web: cellsignal.com For Research Use Only. Not for Use in Diagnostic Procedures.