

# 2481

# RASAL2 (D6K9L) Rabbit mAb



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

<b>Applications:</b> W, IP	Reactivity: H	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 150	<b>Source/Isotype:</b> Rabbit IgG	<b>UniProt ID:</b> #Q9UJF2	Entrez-Gene Id: 9462
Product Usage Information		Application Western Blotting Immunoprecipitation			<b>Dilution</b> 1:1000 1:50	
Specificity/Sensitivity		RASAL2 (D6K9L) Rabbit mAb recognizes endogenous levels of total RASAL2 protein.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro69 of human RASAL2 protein.				
Background		proliferation and diffe which catalyze the exc which catalyze the hyd GTPase, Ras, and later astrocytoma cells (1). Researchers have imp and have shown that metastasis in ovarian	rentiation. They are thange of bound GI drolysis of GTP to G r shown to interact dicated RASAL2 as a RASAL2 downregula cancer (3) and lung	regulating processes SLE activated by guanine no DP for GTP, and inhibited DP. RASAL2 was initially with the Rho-GEF ECT2, a suppressor of migration tion promotes epithelia cancer (4). Conversely, ove breast cancer through	ucleotide exchange I by GTPase activati identified as a GAP and to regulate Rho n and metastasis in I-mesenchymal trai other research stud	factors (GEFs), ng proteins (GAPs), for the small o activity in human human cancer (2), nsition and ies show that
Background References		<ol> <li>Weeks, A. et al. (2012) Am J Pathol 181, 662-74.</li> <li>McLaughlin, S.K. et al. (2013) Cancer Cell 24, 365-78.</li> <li>Huang, Y. et al. (2014) Oncotarget 5, 6734-45.</li> <li>Li, N. and Li, S. (2014) Biochem Biophys Res Commun 455, 358-62.</li> <li>Feng, M. et al. (2014) J Clin Invest 124, 5291-304.</li> </ol>				
Species Reactiv	rity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
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 IP: Immunoprecipitation				
Cross-Reactivity Key		H: Human				
Tue demonder and Betaute		Call Charache a Tankan da ancie a tankan and a Call Charache a Tankan da ancie a				

### **Trademarks and Patents**

Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.

XP is a registered 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.