Revision 1

SnoN 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.

Applications: W, IF-IC	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 80	Source/Isotype: Rabbit	UniProt ID: #P12757	Entrez-Gene Id: 6498
Product Usage Information		Application Western Blotting Immunofluorescence	(Immunocytochem	istry)		Dilution 1:1000 1:50
Storage		Supplied in 10 mM so 20°C. Do not aliquot t), 150 mM NaCl, 100 μg/	ml BSA and 50% gl	ycerol. Store at –
Specificity/Sens	sitivity	SnoN Antibody detects endogenous levels of total SnoN protein.				
Species predict based on 100% homology		Monkey				
Source / Purific	ation		Ser431 of human S	munizing animals with a noN protein. Antibodies		
Background		and differentiation, de Upon stimulation by T translocation to the n Ski and SnoN are relat transforming protein Smad2 and Smad4 an SnoN is rapidly degrad (6-9). Overexpression (10). Mice heterozygo Interestingly, elevated	evelopmental patter GF-β, activated rece ucleus, association v ted oncoproteins or of the Sloan-Ketteri d repressing their a ded by the ubiquitin of SnoN and Ski car us for SnoN and Ski expression of Ski a tic markers (13,14).	perfamily members are of rning and morphogenes eptors phosphorylate Sn with Smad4 and transcri iginally discovered base ng virus (5). They regula bility to activate transcri proteasome pathway p transform avian fibrobl display increased susce nd SnoN has been obse Taken together, these st morigenesis (15).	is and disease path nad2 and Smad3, re ptional regulation d on homology to v te TGF-β signaling l ption (6). Following roviding negative f asts and induce m ptibility to tumorig rved in many tumo	ogenesis (1-3). esulting in their of target genes (4). γ-Ski, the by binding to g TGF-β stimulation, eedback regulation uscle differentiation enesis (11,12). rs and may serve
Background Re	ferences	 Massagué, J. et al. (2) de Caestecker, M.P. Derynck, R. et al. (2) Miyazono, K. et al. (1) Stroschein, S.L. et a Bonni, S. et al. (200) Stroschein, S.L. et a Bonni, S. et al. (2001) Boyer, P.L. et al. (11) Shinagawa, T. et a Zhang, F. et al. (200) Zhang, F. et al. (200) Kinagawa, T. et a Zhang, K. et al. (200) Zhang, K. et al. (200) Zhang, M. et al. (200) Zhang, M. et al. (200) Zhu, Q. et al. (2007) 	et al. (2000) <i>J. Natl.</i> 001) <i>Nat. Genet.</i> 29, 2000) <i>Adv. Immuno</i> 989) <i>Nucleic Acids F</i> I. (1999) <i>Science</i> 286 1) <i>Nat. Cell Biol.</i> 3, 5 I. (2001) <i>Genes Dev.</i> <i>Mol. Cell</i> 8, 1027-10 993) <i>Oncogene</i> 8, 45 I. (2001) <i>Oncogene</i> 3 I. (2001) <i>Oncogene</i> 3 I. (2000) <i>EMBO J.</i> 19, 03) <i>Cancer Res.</i> 63, 004) <i>Neoplasia</i> 6, 20	Cancer Inst. 92, 1388-14 117-129. <i>I.</i> 75, 115-157. Res. 17, 5489-5500. 5, 771-774. 87-595. 15, 2822-2836. 039. 57-466. 20, 8100-8108. 2280-2291. 5005-5010. 7-212.	02.	
Species Reactiv	ity	Species reactivity is de	etermined by testing	g in at least one approve	d application (e.g.,	western blot).
Western Blot B	uffer	IMPORTANT: For west	ern blots, incubate	membrane with diluted	primary antibody i	n 5% w/v BSA, 1X

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 IF-IC: Immunofluorescence (Immunocytochemistry)
Cross-Reactivity Key	H: Human
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 purpose, 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 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.