## NF-κB1 p105 Antibody



Orders: 877-616-CELL (2355)

orders@cell signal.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: WB, IP	Reactivity: H M R Mk Mi B Pg	Sensitivity: Endogenous	<b>MW (kDa):</b> 120	Source: Rabbit	UniProt ID: #P19838	Entrez-Gene Id 4790	
Product Usage	Арр	Application		Dilution			
Information	Wes	stern Blotting		1:1000			
	Imn	nunoprecipitation		1:50			
Storage		olied in 10 mM sod . Do not aliquot the	**	), 150 mM NaCl, 100 $\mu g/ml$ BSA and 50% glycerol. Store at $-$			
Specificity / Sensitivity		NF- $\kappa$ B1 p105 Antibody detects endogenous levels of total NF- $\kappa$ B1 p105 protein. It does not cross-react with the p50 subunit or other NF- $\kappa$ B family members.					
Source / Purificat	amin	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to amino acids at the carboxy-terminus of human NF-κB1 p105. Antibodies are purified by protein A and peptide affinity chromatography.					
Background	immu (p10: to pr DNA inhib them nucle proce Follo	une responses (1,2 5/p50), and NF-кB oduce p50 and p52 and regulate trans itory proteins (3-5) for rapid degradat eus where it regula essing of NF-кB2 (	2). There are five fa 2 (p100/p52). Both 2, respectively. Rel ccription. In unstimu . NF-kB-activating a tion through the ubi tes gene expressio p100) to produce p	mily members in ma p105 and p100 are proteins bind p50 ar llated cells, NF-kB is agents can induce th quitin-proteasome p n (6-8). NIK and IKK	y play a pivotal role in ir mmals: RelA, c-Rel, Re proteolytically processed by 52 to form dimeric consequence of the phosphorylation of Iklathway and releasing N (α (IKL1) regulate the players in the cytose the nucleus (9-11)	IB, NF-kB1 d by the proteasome omplexes that bind oplasm by IkB B proteins, targeting F-kB to enter the hosphorylation and	
	its ca	arboxy-terminus, S		f p105 NF-κB1 at m	es the 50 kDa active for	3, 927, and 932) on	

**Species Reactivity** 

Species reactivity is determined by testing in at least one approved 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 WB: Western Blotting IP: Immunoprecipitation

3/23/24. 1:18 PM

**Cross-Reactivity Key** 

Trademarks and Patents

**Limited Uses** 

NF-κB1 p105 Antibody (#4717) Datasheet Without Images Cell Signaling Technology

H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected

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

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.