

## **TAB2 Antibody**



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

<b>Applications:</b> W, IP	Reactivity: H M	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 80	Source/Isotype: Rabbit	UniProt ID: #Q9NYJ8	Entrez-Gene Id 23118
Product Usage Information		<b>Application</b> Western Blotting Immunoprecipitation			<b>Dilution</b> 1:1000 1:50	
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		TAB2 Antibody detects endogenous levels of TAB2 protein.				
Species predicted to react based on 100% sequence homology		Monkey, Chicken, Bovi	ne			
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Lys556 of TAB2. Antibodies were purified by protein A and peptide affinity chromatography.				
Background		inflammatory signals ( (TAB1), which triggers links TAK1 with TRAF6 phosphorylates the M TAK1 and TRAF6 also a trigger subsequent ac	(1,2). <i>In vivo</i> , TAK1 TAK1 autophospho to mediate TAK1 a APK kinases MKK4 activate the NF-KB tivation of IKK (2,6 cruption of the TAE	se kinase kinase activate activation requires its as orylation at Thr184 and Totivation following IL-1 stand MKK3/6, which activathway by phosphorylath addition to TAK1, TA 1 gene in mice causes a	sociation with TAK1 Fhr187 (3,4). The TA timulation (5). Once vate JNK and p38 M ting the NF-kB indu B1 interacts with ar	binding protein 1 B2 adaptor protein activated, TAK1 APK, respectively. cing kinase (NIK) to ad activates p38α
Background References		1. Yamaguchi, K. et al. (1995) <i>Science</i> 270, 2008-11. 2. Ninomiya-Tsuji, J. et al. (1999) <i>Nature</i> 398, 252-6. 3. Shibuya, H. et al. (1996) <i>Science</i> 272, 1179-82. 4. Sakurai, H. et al. (2000) <i>FEBS Lett</i> 474, 141-5. 5. Takaesu, G. et al. (2000) <i>Mol Cell</i> 5, 649-58. 6. Wang, C. et al. (2001) <i>Nature</i> 412, 346-51. 7. Ge, B. et al. (2002) <i>Science</i> 295, 1291-4. 8. Komatsu, Y. et al. (2002) <i>Mech Dev</i> 119, 239-49.				
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		W: Western Blotting IP: Immunoprecipitation				

**Cross-Reactivity Key** H: Human M: Mouse

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