## **MST2 Antibody**



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

<b>Applications:</b> W, IP	<b>Reactivity:</b> H M R Mk B	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 60	Source/Isotype: Rabbit	<b>UniProt ID:</b> #Q13188	Entrez-Gene Id: 6788
Product Usage Information		<b>Application</b> Western Blotting Immunoprecipitation			<b>Dilution</b> 1:1000 1:25	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		MST2 Antibody recognizes endogenous levels of total MST2 protein. This antibody does not cross-react with MST1, MST3, or MST4 proteins.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to the amino-terminal residues of human MST2 protein. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		(MAPK) signaling path migration, and cytoske (STK4) and MST2 (STK3 domains and carboxyapoptosis, caspase-me autophosphorylation of the acapoptotic progression Research studies indicated in tissue growth and org mammalian Hippo sig SAV1 scaffold protein	ways that regulate eletal rearrangeme B), two functionally terminal regulator ediated cleavage or and activation of the tive kinase induces (4). The Hippo signalin an size by regulatinaling pathway involved by a complex the borylate YAP and the Hippo accomplex the borylate YAP and the Borylate Hippo accomplex the borylate YAP and the Borylate Hippo accomplex the borylate Albertan	are upstream regulators multiple cellular processent (1). This family of seri related proteins with coy domains that contain of MST1/2 removes the interest of the kinase domain, which is chromatin condensation of cell proliferation, aporolyes a kinase cascade, at leads to phosphorylatitation.	ses, including prolifine/threonine kinas inserved amino-termuclear export signification in the second and other events of the second and other events of the second and stem certain and activation of the second and activation activation and activation activati	eration, apoptosis, es includes MST1 minal kinase als (1-3). During domain, triggering he nucleus. Nuclear associated with ne of the core ogram controls II self-renewal. The kinases and the of LATS1/2. The
Background References		1. Dan, I. et al. (2001) <i>Trends Cell Biol</i> 11, 220-30. 2. Creasy, C.L. et al. (1996) <i>J Biol Chem</i> 271, 21049-53. 3. Lee, K.K. and Yonehara, S. (2002) <i>J Biol Chem</i> 277, 12351-8. 4. Ura, S. et al. (2001) <i>Proc Natl Acad Sci U S A</i> 98, 10148-53. 5. Zhao, B. et al. (2011) <i>Nat Cell Biol</i> 13, 877-83.				
Species Reactivity		Species reactivity is de	termined 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 M: Mouse R: Rat Mk: Monkey B: Bovine

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