

兔抗 LATS1/2(Phospho-Ser909/872) 多克隆抗体

中文名称：兔抗 LATS1/2(Phospho-Ser909/872)多克隆抗体

英文名称：Anti-LATS1/2(Phospho-Ser909/872) polyclonal antibody

别名：large tumor suppressor kinase 1/2; wts; WARTS; KPM

相关类别：一抗

抗原：LATS1/2(Phospho-Ser909/872)

储存：冷冻 (-20℃)

宿主：Rabbit

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:	LATS1 is a putative serine/threonine kinase that localizes to the mitotic apparatus and complexes with cell cycle controller CDC2 kinase in early mitosis. The protein is phosphorylated in a cell-cycle dependent manner, with late prophase phosphorylation remaining through metaphase. The N-terminal region of the protein binds CDC2 to form a complex showing reduced H1 histone kinase activity, indicating a role as a negative regulator of CDC2/cyclin A. In addition, the C-terminal kinase domain binds to its own N-terminal regi
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	<p>on, suggesting potential negative regulation through interference with complex formation via intramolecular binding. Biochemical and genetic data suggest a role as a tumor suppressor. This is supported by studies in knockout mice showing development of soft-tissue sarcomas, ovarian stromal cell tumors and a high sensitivity to carcinogenic treatments. LATS2 encodes a serine/threonine protein kinase belonging to the LATS tumor suppressor family. The protein localizes to centrosomes during interphase, and early and late metaphase. It interacts with the centrosomal proteins aurora-A and ajuba and is required for accumulation of gamma-tubulin and spindle formation at the onset of mitosis. It also interacts with a negative regulator of p53 and may function in a positive feedback loop with p53 that responds to cytoskeleton damage. Additionally, it can function as a co-repressor of androgen-responsive gene expression.</p>
Applications:	WB
Name of antibody:	LATS1/2(Phospho-Ser909/872)
Immunogen:	Synthetic peptide of human LATS1/2
Full name:	large tumor suppressor kinase 1/2
Synonyms:	wts; WARTS; KPM
SwissProt:	O95835/Q9NRM7
WB Predicted band size:	127/120 kDa
WB Positive control:	EGF treated HepG2 whole cell lysates
WB Recommended dilution:	500-1000

