LATS1/WARTS Rabbit pAb

db20847 **Package : 20μL 50μL 100μL**

Product Name : LATS1/WARTS Rabbit pAb
Cat.No.: db20847
Synonyms : wts; WARTS
Application : WB, FC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	The protein encoded by this gene 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 region, 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. [provided by RefSeq, Apr 2017]
Immunogen	Recombinant protein of human LATS1/WARTS
Gene ID	9113
Swiss Prot	O95835
Synonyms	wts; WARTS
Reactivity	Human, Mouse, Rat
Application	WB, FC
Recommended dilution	WB: 1:1000 FC: 1:50
Calculated MW	127 kDa
Observed MW	140 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.