

LATS2 Polyclonal Antibody

Catalog No.	A16249	Category	Polyclonal Antibodies
Applications	WB	Observed MW	150kDa
Cross-reactivity	Human, Mouse	Calculated MW	120kDa

Immunogen Information

Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human LATS2 (NP_055387.2).
Gene ID	26524
Swiss prot	Q9NRM7
Synonyms	LATS2; KPM; large tumor suppressor kinase 2

Product information

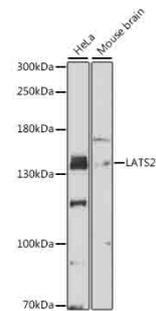
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

This gene 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.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - LATS2 Polyclonal Antibody (A16249)