



Mouse anti-Human LATS2 monoclonal antibody, clone TU4C22 (CABT-B10548)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S83 of human LATS2.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	TU4C22
Conjugate	Unconjugated
Applications	WB, ELISA
Format	Liquid
Size	50 µg
Buffer	In 10 mM HEPES/KOH, 150 mM NaCl, pH 7.5 (50% glycerol)
Storage	Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

BACKGROUND

Introduction	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
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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. [provided by RefSeq, Jul 2008]

Keywords	LATS2; large tumor suppressor kinase 2; KPM; serine/threonine-protein kinase LATS2; LATS (large tumor suppressor, <i>Drosophila</i>) homolog 2; LATS, large tumor suppressor, homolog 2; kinase phosphorylated during mitosis protein; large tumor suppressor homolog 2; serine/threonine kinase KPM; serine/threonine-protein kinase kpm; warts-like kinase;
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GENE INFORMATION

Entrez Gene ID	26524
UniProt ID	Q9NRM7
Pathway	Coregulation of Androgen receptor activity, organism-specific biosystem
Function	ATP binding; metal ion binding; nucleotide binding; protein binding; protein serine/threonine kinase activity
