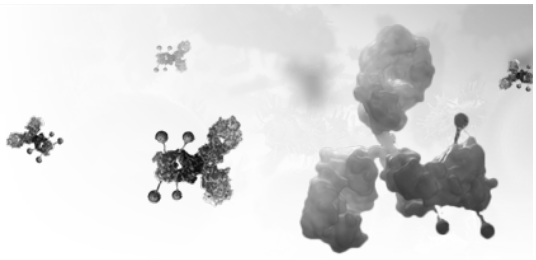

Human LATS2 blocking peptide (DAG-P0027)

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

PRODUCT INFORMATION

Antigen Description	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. [provided by RefSeq, Jul 2008]
Specificity	Expressed at high levels in heart and skeletal muscle and at lower levels in all other tissues examined.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.Contains 1 AGC-kinase C-terminal domain.Contains 1 protein kinase domain.Contains 1 UBA domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	LATS2 large tumor suppressor kinase 2 [Homo sapiens (human)]

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Official Symbol	LATS2
Synonyms	LATS2; large tumor suppressor kinase 2; KPM; serine/threonine-protein kinase LATS2; warts-like kinase; serine/threonine kinase KPM; large tumor suppressor homolog 2; serine/threonine-protein kinase kpm; LATS, large tumor suppressor, homolog 2; kinase phosphorylated during mitosis protein; LATS (large tumor suppressor, Drosophila) homolog 2;
Entrez Gene ID	26524
mRNA Refseq	NM_014572.2
Protein Refseq	NP_055387.2
UniProt ID	Q9NRM7
Chromosome Location	13q11-q12
Pathway	Coregulation of Androgen receptor activity, organism-specific biosystem; Hippo signaling pathway, organism-specific biosystem; Hippo signaling pathway, conserved biosystem; Signal Transduction, organism-specific biosystem; Signaling by Hippo, organism-specific biosystem;
Function	ATP binding; metal ion binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity;

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