

Rabbit LATS2 Polyclonal Antibody | anti-LATS2 antibody

LATS2 Rabbit pAb

CATALOG # AAA281637	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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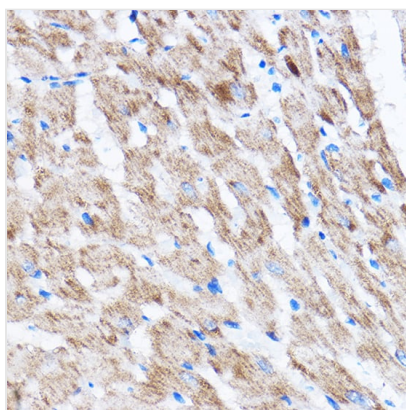
PRODUCT SYNONYMS

LATS2; Polyclonal Antibody; LATS2 Rabbit pAb; KPM; anti-LATS2 antibody

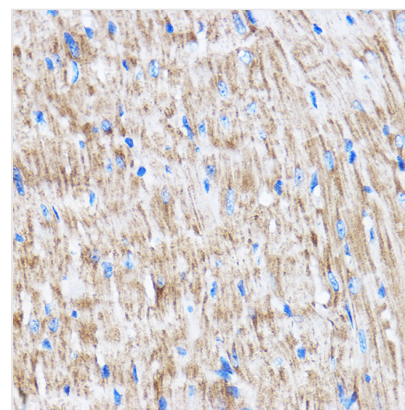
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	MRPKTFPATT YSGNSRQLQ EIREGLKQPS KSSVQGLPAG PNSDTS�DAK VLGSKDATRQ QQQMRATPKF GPYQKALREI RYSLLPFANE SGTSAAAEVN
Applicable Applications for anti-LATS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human LATS2 (NP_055387.2).
Cellular Location	Cytoplasm, Nucleus, centrosome, cytoskeleton, microtubule organizing center, spindle pole
Positive Samples	Mouse testis, Rat lung, Rat testis, Rat kidney
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

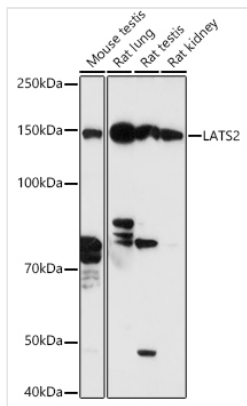
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Rat heart using LATS2 Rabbit pAb at dilution of 1:100 (40x lens).


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Mouse heart using LATS2 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using LATS2 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-LATS2 antibody	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.
Product Categories/Family for anti-LATS2 antibody	Epigenetics & Nuclear Signaling ; DNA Damage & Repair ; Research ; Signal Transduction ; Kinase ; Serine/threonine kinases ; Research ; Cell Biology & Developmental Biology ; Hippo Signaling Pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	126507090
NCBI GeneID	26524
NCBI Accession #	NM_014572
NCBI GenBank Nucleotide #	NM_014572
UniProt Accession #	Q9NRM7; Q9P2X1; B1AM47
Molecular Weight	~98 kDa
NCBI Official Full Name	Homo sapiens large tumor suppressor kinase 2 (LATS2), mRNA
NCBI Official Synonym Full Names	large tumor suppressor kinase 2
NCBI Official Symbol	LATS2
NCBI Official Synonym Symbols	KPM
NCBI Protein Information	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 (larg
UniProt Protein Name	Serine/threonine-protein kinase LATS2
UniProt Gene Name	LATS2
UniProt Synonym Gene Names	KPM
UniProt Entry Name	LATS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lats2-antibody-immunohistochemistry-western-blot-elisa/281637>