

Rabbit anti-Human, Mouse LATS1 Polyclonal Antibody | anti-LATS1 antibody

Rabbit anti-LATS1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210974	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

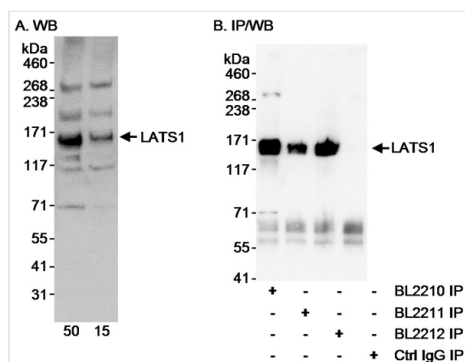
PRODUCT SYNONYMS

LATS1; Polyclonal Antibody; Rabbit anti-LATS1 Antibody; Affinity Purified; LATS; large tumor suppressor; homolog 1; WARTS protein kinase; wts; serine/threonine-protein kinase LATS1; large tumor suppressor homolog 1; h-warts; WARTS; LATS (large tumor suppressor; Drosophila) homolog 1; Serine/threonine-protein kinase LATS1; large tumor suppressor kinase 1; anti-LATS1 antibody

PRODUCT SPECIFICATIONS

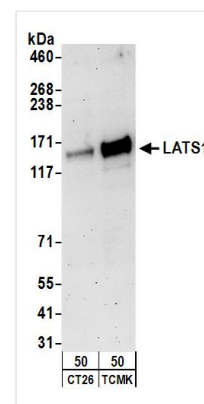
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-LATS1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human LATS1 by western blot and immunoprecipitation. Samples: Whole cell lysate (15 and 50 ug for WB; 1 mg for IP, 1/4 of IP loaded/lane) from HeLa Cells. Antibodies: Affinity purified rabbit anti-LATS1 antibody BL2210 (Cat. No. AAA210974) used at 0.02 (A) and 0.1 (B) ug/ml for WB and at 3 ug/mg lysate for IP (B). LATS1 was also immunoprecipitated with LATS1 antibodies BL2211 and BL2212 (Cat. No. using 3 ug/mg lysate. Detection: Chemiluminescence with an exposure time of 10 seconds (A and B).



WB (Western Blot)

Detection of mouse LATS1 by western blot. Samples: Whole cell lysate (50 ug) from CT26.WT and TCMK-1 cells. Antibodies: Affinity purified rabbit anti-LATS1 antibody AAA210974 (lot AAA210974-1) used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-LATS1 antibody	LATS1 (Large Tumor Suppressor homolog 1) has been identified as a tumor suppressor protein linked to sarcomas and ovarian cancer. LATS1 is a member of the Dbf2-related (NDR) family of protein kinases that are key components of the mitotic exit network. LATS1 interacts with MOB1 and CDC2 kinase in early mitosis. LATS1 appears to negatively regulate G2/M transitioning by down-regulating CDC2 kinase activity.
Product Categories/Family for anti-LATS1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758666
NCBI GeneID	9113
NCBI Accession #	NP_004681.1
NCBI GenBank Nucleotide #	NM_004690.3
UniProt Accession #	O95835; Q6PKD0
Molecular Weight	76,193 Da
NCBI Official Full Name	serine/threonine-protein kinase LATS1 isoform 1
NCBI Official Synonym Full Names	large tumor suppressor kinase 1
NCBI Official Symbol	LATS1
NCBI Official Synonym Symbols	wt5; WARTS
NCBI Protein Information	serine/threonine-protein kinase LATS1
UniProt Protein Name	Serine/threonine-protein kinase LATS1
UniProt Gene Name	LATS1
UniProt Synonym Gene Names	h-warts

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/lats1-antibody-immunoprecipitation-western-blot-elisa/210974>