

anti-Human, Mouse LATS1/2 Antibody | anti-LATS1/2 antibody

LATS1/2 (Phospho-Thr1079/1041) Antibody

CATALOG # AAA109521	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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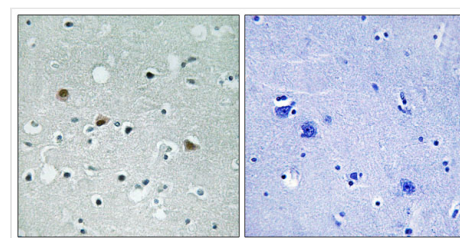
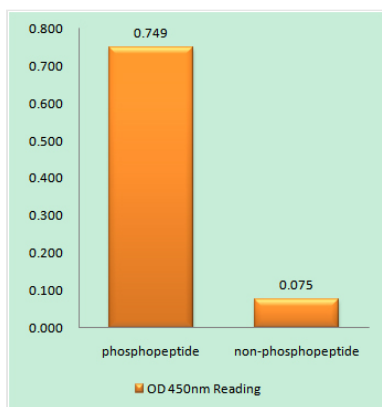
PRODUCT SYNONYMS

LATS1/2; LATS1/2 (Phospho-Thr1079/1041) Antibody; EC 2.7.11.1; Large tumor suppressor 1; WARTS; anti-LATS1/2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	LATS1/2 (Phospho-Thr1079/1041) antibody detects endogenous levels of LATS1/2 only when phosphorylated at threonine 1079/1041.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	690
Applicable Applications for anti-LATS1/2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human LATS1/2 around the phosphorylation site of threonine 1079/1041 (E-F-TP-F-R).
All Sites	Human: Thr1079/1041 Mouse: Thr1078/999
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using LATS1/2 (Phospho-Thr1079/1041) antibody. LATS1/2 (Phospho-Thr1079/1041) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LATS1/2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Tao W., Nat. Genet. 21:177-181(1999). Nishiyama Y., FEBS Lett. 459:159-165(1999). The MGC Project Team, Genome Res. 14:2121-2127(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	395394049
NCBI GeneID	9113
NCBI Accession #	NP_001257448.1
NCBI GenBank Nucleotide #	NM_001270519.1
UniProt Accession #	O95835; Q6PKD0
Molecular Weight	76,193 Da
NCBI Official Full Name	serine/threonine-protein kinase LATS1 isoform 2
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/human-mouse-antibody/lats1-2/109521>