

LATS2 (Phospho-Ser872) Antibody

Catalog No: #12875

Package Size: #12875-1 50ul #12875-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

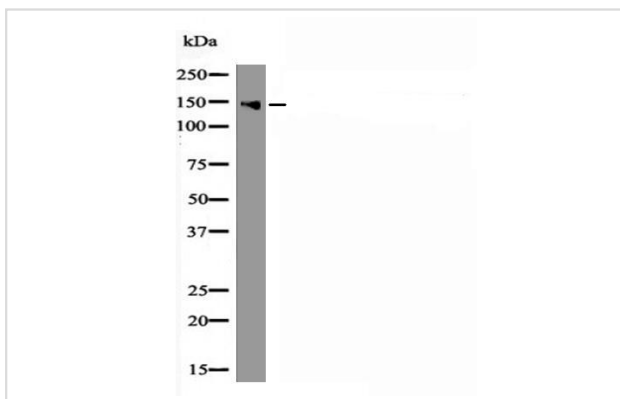
Description

Product Name	LATS2 (Phospho-Ser872) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	Phospho-LATS2 (S872) Antibody detects endogenous levels of LATS2 only when phosphorylated at S872
Immunogen Type	Peptide-KLH
Immunogen Description	A synthesized peptide derived from human LATS2 (Phospho-Ser872)
Conjugates	Unconjugated
Target Name	LATS2
Other Names	FLJ13161 antibody Kinase phosphorylated during mitosis protein antibody KPM antibody Large tumor suppressor homolog 2 antibody Large tumor suppressor homolog 2 Drosophila antibody Large tumor suppressor kinase 2 antibody LATS large tumor suppressor Drosophila homolog 2 antibody LATS large tumor suppressor homolog 2 antibody Lats2 antibody LATS2_HUMAN antibody Serine threonine kinase kpm antibody Serine threonine protein kinase kpm antibody Serine threonine-protein kinase kpm antibody Serine threonine-protein kinase LATS2 antibody Warts like kinase antibody Warts-like kinase antibody
Accession No.	Swiss-Prot#:Q9NRM7 NCBI Gene ID26524
Calculated MW	150
Concentration	1.0mg mL
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+) pH 7.4 150mM NaCl 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB dilution:1:1000

Images



Western blot analysis LATS2 (Phospho-Ser872) using EGF treated 293 whole cell lysates

Product Description

LATS2 is an AGC kinase of the NDR family of kinases. It is a tumor suppressor of the LATS family, and plays a critical role in centrosome duplication, maintenance of mitotic fidelity, and genomic stability (1). LATS2 inhibits cell growth at the G1,S transition by down-regulating cyclin E,CDK2 kinase activity (2). It also plays an important role in regulation of the Hippo pathway, a pathway that is important in controlling organ size and tumor progression by regulating cellular proliferation and promoting apoptosis (3,4,5)?

Published Papers

el at., Identification of the knase STK25 as an upstream activator of LATS signalling. In Nat Commun on 2019 Apr 4 by Lim S, Hermance N, et al..PMID:30948712, , (2019)

[PMID:30948712](#)

el at., The CalcR-PKA-Yap1 Axis Is Critical for Maintaining Quiescence In Muscle Stem Cells. In Cell Rep on 2019 Nov 19 by Zhang L, Noguchi YT, et al..PMID:31747590, , (2019)

[PMID:31747590](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.