

phospho-LATS2 (Ser83) Rabbit pAb

Catalog Number: bs-4082R

Target Protein: phospho-LATS2 (Ser83)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted:Pig, Cow, Dog, Horse)

Predicted MW: 120-150 kDa

Entrez Gene: 26524

Swiss Prot: Q9NRM7

Source: KLH conjugated Synthesised phosphopeptide derived from human LATS2 around the phosphorylation site of Ser83: RY(p-S)LL.

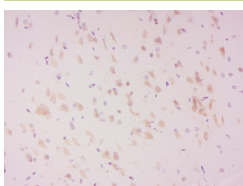
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq].

VALIDATION IMAGES



Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-phospho-LATS2 (Ser83) Polyclonal Antibody, Unconjugated(bs-4082R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.682] Xinhao Wang. et al. Yes-associated protein reacts differently in vascular smooth muscle cells under different intensities of mechanical stretch. Aging-Us. 2022 Jan 15; 14(1): 286–296 WB ; Rat . 34983026

[IF=3.457] Li L et al. The inhibition of Hippo/Yap signaling pathway is required for magnesium isoglycyrrhizinate to ameliorate hepatic stellate cell inflammation and activation.Biomed Pharmacother. 2018 Oct;106:83-91. ICC ; Mouse . 29957470

[IF=1.4] Bingyi Chen. et al. The inhibition of γ -Aminobutyric Acid B1 receptor regulates angiogenesis via the Hippo/YAP signaling pathway. ANN VASC SURG. 2024 Jul; WB ; Human . 39025214