

bs-3246R**[Primary Antibody]****phospho-LATS1 (Ser909) Rabbit pAb****BioSS**
ANTIBODIES

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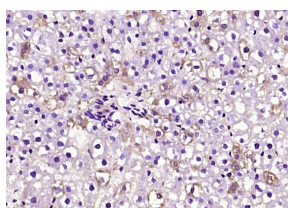
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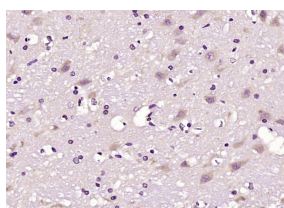
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 26524	SWISS: Q9NRM7	IF (1:100-500)
Target: LATS1 (Ser909)		Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Cow, Chicken, Dog, Horse)
Immunogen: KLH conjugated synthesised phosphopeptide derived from human LATS1 around the phosphorylation site of Ser909: AH(p-S)LV.		
Purification: affinity purified by Protein A		Predicted MW.: 124 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm
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 —

Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-LATS1 (Ser909)) Polyclonal Antibody, Unconjugated (bs-3246R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-LATS1 (Ser909)) Polyclonal Antibody, Unconjugated (bs-3246R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=4.6]** Jiaxu Zhou. et al. JTE-013 Alleviates Pulmonary Fibrosis by Affecting the RhoA/YAP Pathway and Mitochondrial Fusion/Fission. PHARMACEUTICALS-BASE. 2023 Oct;16(10):1444 WB ;Mouse. 37895915
- **[IF=4.174]** Zhao, Boyuan. et al. Shear stress regulates the migration of suspended breast cancer cells by nuclear lamina protein A/C and large tumor suppressor through yes-associated protein. Hum Cell. 2022 Jan;;1-16 WB ;Human. 34984662
- **[IF=3.457]** Li L et al. The inhibition of Hippo/Yap signaling pathway is required for magnesium isoglycyrrhizinate to

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ameliorate hepatic stellate cell inflammation and activation. *Biomed Pharmacother.* 2018 Oct;106:83-91. WB, ICC
;Mouse. 29957470

- **[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. WB, ICC
;Mouse. 29957470
- **[IF=1.69]** Wang et al. Knockdown of yes-associated protein inhibits proliferation and downregulates large tumor suppressor 1 expression in MHCC97H human hepatocellular carcinoma cells. (2015) *Mol. Med. Re.* 11:4101-8 IHC
;Human. 25625370