bs-2904R

[Primary Antibody]

LATS1 Rabbit pAb



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– DATASHEE	т		400-901-9800
Host:	Rabbit	lsotype: lgG	Applications: ICC/IF (1:25)
Clonality: Polyclonal			Reactivity: Human (predicted: Mouse.
GenelD:	26524	SWISS: Q9NRM7	Rat, Rabbit, Pig, Cow,
Target:	LATS1		Chicken, horse)
Immunogen: KLH conjugated synthetic peptide derived from human LATS1: 821-950/1130. Purification: affinity purified by Protein A		Predicted MW.: ^{124 kDa} Subcellular Location: ^{Cytoplasm}	
			Concentration: 1mg/ml
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



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (LATS1) polyclonal Antibody, Unconjugated (bs-2904R) 1:25, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

- 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=4.5] Shouying Xu. et al. ARID1A restrains EMT and stemness of ovarian cancer cells through the Hippo pathway. INT J ONCOL. 2024 Aug;65(2):1-11 WB ;Human. 38873993
- [IF=4.7] Tianwei Dong. et al.Cannabidiol Ameliorates Doxorubicin-Induced Myocardial Injury via Activating Hippo Pathway.DRUG DESIGN DEVELOPMENT AND THERAPY.2025 Jan 24:19:569-583. Western blot ;Rat, mouse. 39876987
- [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