bs-7913R

[Primary Antibody]

phospho-LATS1+LATS2 (Thr1079 +Thr1041) **Rabbit pAb**

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| – DATASHEET – | | 400-901-9800 |
|--|--|--|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | IHC-P (1:100-500) |
| GenelD: 26524 | SWISS: Q9NRM7 | IF (1:100-500) |
| Target: LATS1+LATS2 (Th | [.] 1079 +Thr1041) | ELISA (1:5000-10000) |
| Immunogen: KLH conjugated synthesised phosphopeptide derived from human LATS1 around the phosphorylation site of Thr1079: EF(P-T)FR. | | rom human Reactivity: Human, Mouse, Rabbit P-T)FR. (predicted: Rat, Pig, Cow, |
| Purification: affinity purified by | [,] Protein A | Chicken, Dog, Horse) |
| Concentration: 1mg/ml | | Predicted |
| Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. | | 50% MW.: ¹²⁴ kDa |
| Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | ted Subcellular Location: Cytoplasm |
| Background: This gene encodes the LATS tumor su centrosomes duri interacts with the required for accur formation at the o regulator of p53 a p53 that responds function as a co-re | a serine/threonine protein kinase bel ppressor family. The protein localizes ng interphase, and early and late meta centrosomal proteins aurora-A and aju nulation of gamma-tubulin and spindl nset of mitosis. It also interacts with a nd may function in a positive feedback to cytoskeleton damage. Additionally pressor of androgen-responsive gene | elonging to s to aphase. It juba and is le a negative k loop with y, it can |

- VALIDATION IMAGES -



expression. [provided by RefSeq].

Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-phospho-LATS1+LATS2 (Thr1079 +Thr1041) (bs-7913R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 124 kD Observed band size: 124 kD



Sample: Hela(Human) Cell Lysate at 30 ug Primary: Anti-phospho-LATS1+LATS2 (Thr1079 +Thr1041) (bs-7913R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 124 kD Observed band size: 124 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse 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+LATS2 (Thr1079 +Thr1041)) Polyclonal Antibody, Unconjugated (bs-7913R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

- SELECTED CITATIONS -

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- [IF=10.317] Qi Yang. et al. A novel biodegradable external stent regulates vein graft remodeling via the Hippo-YAP and mTOR signaling pathways. Biomaterials. 2020 Nov;258:120254 WB;Rat. 32805499
- [IF=8.579] Lixia Chen. et al. CSRP2 suppresses colorectal cancer progression via p130Cas/Rac1 axis-meditated ERK, PAK, and HIPPO signaling pathways.. Theranostics. 2020; 10(24): 11063-11079 WB ;Human. 33042270

- [IF=7] Li Mengzhi. et al. NRP1 transduces mechanical stress inhibition via LATS1/YAP in hypertrophic scars. CELL DEATH DISCOV. 2023 Sep;9(1):1-10 IF ;Human. 37704618
- [IF=6.208] Akiko Sato. et al. Pharmacological Activation of YAP/TAZ by Targeting LATS1/2 Enhances Periodontal Tissue Regeneration in a Murine Model. INT J MOL SCI. 2023 Jan;24(2):970 WB ;MOUSE. 36674487