

Product Datasheet

LATS2 Antibody NB200-199

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB200-199

LATS2 Antibody

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Host	Rabbit
Gene ID	26524
Gene Symbol	LATS2
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 29317530).
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1 and 50 of human Large Tumor Suppressor 2 using the numbering given in entry NP_055387.1 (GeneID 26524).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunoprecipitation 2-10 ug/mg lysate



Publications

Wang X, Cai B, Yang X et al. Cholesterol Stabilizes TAZ in Hepatocytes to Promote Experimental Non-alcoholic Steatohepatitis *Cell Metab.* 2020-04-01 [PMID: 32259482]

Ito T, Nakamura A, Tanaka I et al. CADM1 associates with Hippo pathway core kinases; membranous co-expression of CADM1 and LATS2 in lung tumors predicts good prognosis *Cancer Sci.* 2019-07-01 [PMID: 31069869] (WB, Human, Mouse)

Rusnak L, Tang C, Qi Q et al. Large tumor suppressor 2, LATS2, activates JNK in a kinase-independent mechanism through ASK1 *J Mol Cell Biol* 2018-12-01 [PMID: 30496488] (IP, Human)

Kedan A, Verma N, Saroha A et al. PYK2 negatively regulates the Hippo pathway in TNBC by stabilizing TAZ protein. *Cell Death Dis* 2018-09-24 [PMID: 30250159] (WB, Human)

Wigerius M, Quinn D, Diab A et al. The polarity protein Angiomotin p130 controls dendritic spine maturation *J. Cell Biol.* 2018-02-05 [PMID: 29317530] (WB, Rat)

Wang J, Sinnott-Smith J, Stevens JV et al. Biphasic regulation of Yes-associated Protein (YAP) cellular localization, phosphorylation and activity by G protein-coupled receptor agonists in intestinal epithelial cells: a novel role for protein kinase D (PKD) *J. Biol. Chem.* 2016-07-01 [PMID: 27369082] (WB, Human)

Go YM, Kang SM, Roede JR et al. Increased inflammatory signaling and lethality of influenza H1N1 by nuclear thioredoxin-1. *PLoS One* 2011-01-01 [PMID: 21526215]

Xiang L, Gilkes DM, Hu H et al. Hypoxia-inducible factor 1 mediates TAZ expression and nuclear localization to induce the breast cancer stem cell phenotype. *Oncotarget.* 2014-01-01 [PMID: 25587023] (IP, WB, Human)

Pefani DE, Latusek R, Pires I et al. RASSF1A-LATS1 signalling stabilizes replication forks by restricting CDK2-mediated phosphorylation of BRCA2. *Nat. Cell Biol.* 2014-09-14 [PMID: 25218637]

Reuven N, Adler J, Meltser V, Shaul Y. The Hippo pathway kinase Lats2 prevents DNA damage-induced apoptosis through inhibition of the tyrosine kinase c-Abl. *Cell Death Differ* 2013-07-12 [PMID: 23852372] (WB, Human)

Zhang L, Iyer J, Chowdhury A et al. KIBRA regulates aurora kinase activity and is required for precise chromosome alignment during mitosis. *J Biol Chem.* 2012-10-05 [PMID: 22904328]

Zhang H, Deo M, Thompson RC et al. Negative regulation of Yap during neuronal differentiation. *Dev Biol* 2012-01-01 [PMID: 22037235]

More publications at <http://www.novusbio.com/NB200-199>





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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