

For Research Use Only

LATS2-Specific Recombinant monoclonal antibody

Catalog Number: 88282-1-RR



Basic Information

Catalog Number:

88282-1-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_014572

GeneID (NCBI):

26524

UNIPROT ID:

Q9NRM7

Full Name:

LATS, large tumor suppressor, homolog 2 (Drosophila)

Calculated MW:

120 kDa

Observed MW:

130-150 kDa

Purification Method:

Protein A purification

CloneNo.:

260670D9

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HT-1080 cells, HeLa cells, HEK-293 cells, Jurkat cells, SGC-7901 cells

Background Information

LATS2, also named as KPM, belongs to the protein kinase superfamily and AGC Ser/Thr protein kinase family. LATS2 is a tumor suppressor which plays a critical role in centrosome duplication, maintenance of mitotic fidelity and genomic stability. It negatively regulates G1/S transition by down-regulating cyclin E/CDK2 kinase activity. It is a negative regulator of the androgen receptor. LATS2 has a calculated molecular mass of 120 kDa and an apparent molecular mass of 150 kDa (PMID: 10871863). The antibody is specific to LATS2.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

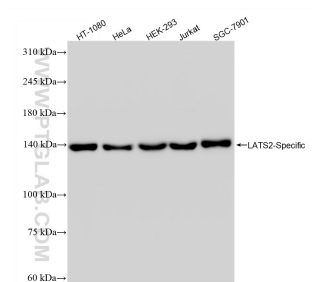
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88282-1-RR (LATS2-Specific antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.