

For Research Use Only

LATS2-Specific Recombinant monoclonal antibody, PBS Only

Catalog Number: 88282-1-PBS



Basic Information

Catalog Number: 88282-1-PBS	GenBank Accession Number: NM_014572	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 26524	CloneNo.: 260670D9
Source: Rabbit	UNIPROT ID: Q9NRM7	
Isotype: IgG	Full Name: LATS, large tumor suppressor, homolog 2 (Drosophila)	
	Calculated MW: 120 kDa	
	Observed MW: 130-150 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
human

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.

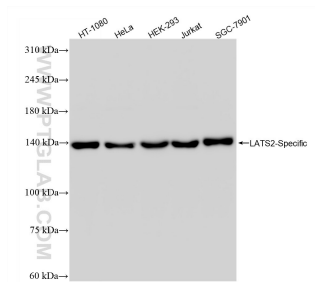
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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. This data was developed using the same antibody clone with 88282-1-PBS in a different storage buffer formulation.