

For Research Use Only

HABP4 Polyclonal antibody, PBS Only

Catalog Number: 33317-1-PBS



Basic Information

Catalog Number: 33317-1-PBS	GenBank Accession Number: NM_014282.3	Purification Method: Antigen affinity Purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 22927	
Source: Rabbit	UNIPROT ID: Q5JVS0	
Isotype: IgG	Full Name: hyaluronan binding protein 4	
Immunogen Catalog Number: AG39922	Calculated MW: 46kDa 413aa	
	Observed MW: 57 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
human

Background Information

HABP4 (hyaluronic acid binding protein 4) is an intracellular regulatory protein, with a molecular weight of about 57 kDa (PMID: 33245729), which is rich in positively charged amino acids and can bind with negatively charged macromolecules such as RNA and hyaluronic acid. It has SUMO binding activity, participates in PML tissue, negatively regulates DNA binding activity, and positively regulates gene expression. In addition, HABP4 has a complex interaction network in cells, and has undergone a variety of post-translational modifications, including serine/threonine phosphorylation, arginine methylation and SUMO.

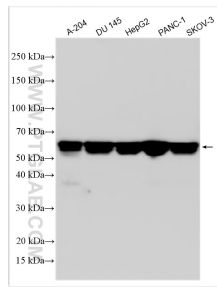
Storage

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)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33317-1-AP (HABP4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33317-1-PBS in a different storage buffer formulation.