

For Research Use Only

UHRF1BP1 Polyclonal antibody, PBS Only

Catalog Number: 24345-1-PBS



Basic Information

Catalog Number: 24345-1-PBS	GenBank Accession Number: BC137120	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54887	
Source: Rabbit	UNIPROT ID: Q6BDS2	
Isotype: IgG	Full Name: UHRF1 binding protein 1	
Immunogen Catalog Number: AG19677	Calculated MW: 1440 aa, 159 kDa	
	Observed MW: 160-170 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Bridge-like lipid transfer protein family member 3A (BLTP3A), also known as UHRF1BP1, is a conserved protein characterized by six repeating beta-groove modules that form a hydrophobic groove for bulk lipid transfer between membranes. It localizes to VAMP7-positive vesicles and anchors them to LAMP1-positive lysosomes via its chorein domain and Rab7 interaction. Upon lysosomal membrane damage, BLTP3A rapidly dissociates and is re-recruited through its LIR motif binding to mATG8 proteins via the CASM pathway. This dynamic behavior suggests BLTP3A delivers lipids to aid in lysosomal repair (PMID: 40935891). Beyond its cellular function, BLTP3A has been identified as a genetic risk factor for systemic lupus erythematosus.

Storage

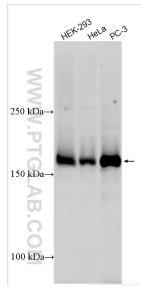
Storage:
Store at -80°C.

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
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24345-1-AP (UHRF1BP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24345-1-PBS in a different storage buffer formulation.