

For Research Use Only

CREB3L1,OASIS Monoclonal antibody, PBS Only (Capture)

Catalog Number:67617-1-PBS



Basic Information

Catalog Number: 67617-1-PBS	GenBank Accession Number: BC015781	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 90993	CloneNo.: 2B5B4
Source: Mouse	UNIPROT ID: Q96BA8	
Isotype: IgG1	Full Name: cAMP responsive element binding protein 3-like 1	
Immunogen Catalog Number: AG28042	Calculated MW: 57 kDa	
	Observed MW: 58 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

Cyclic AMP-responsive element-binding protein 3-like protein 1(CREB3L1) belongs to a family of transcription factors that are synthesized as membrane-bound precursors in the endoplasmic reticulum (ER) and then transported to the Golgi where they are activated through regulated intramembrane proteolysis (RIP). Also it participates in ER-stress response in astrocytes in the central nervous system. It may have a role in gliosis, and involves in activation of transcription through box-B element but not CRE. CREB3L1 acts as a transcription repressor in proliferation of virus-infected cell. The full-length precursor form (approximately 84 kDa) of CREB3L1 and the matured form of CREB3L1 is 58 kDa. (PMID: 20668028)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

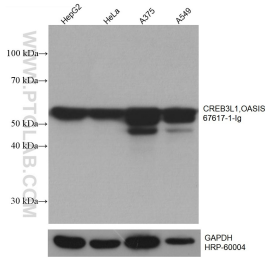
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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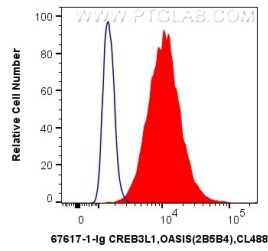
E: proteintech@ptglab.com
W: ptglab.com

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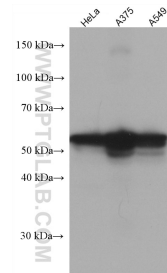
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67617-1-Ig (CREB3L1, OASIS antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67617-1-PBS in a different storage buffer formulation.



1×10^6 HepG2 cells were intracellularly stained with 0.5 μ g Anti-Human CREB3L1, OASIS (67617-1-Ig, Clone:2B5B4) and CoraLite@488-Conjugated Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.5 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 67617-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67617-1-Ig (CREB3L1, OASIS antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67617-1-PBS in a different storage buffer formulation.