

For Research Use Only

CRBN Recombinant monoclonal antibody, PBS Only

Catalog Number: 87559-1-PBS



Basic Information

Catalog Number: 87559-1-PBS	GenBank Accession Number: BC017419	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 51185	CloneNo.: 252898D6
Source: Rabbit	UNIPROT ID: Q96SW2	
Isotype: IgG	Full Name: cereblon	
Immunogen Catalog Number: AG29353	Calculated MW: 442 aa, 51 kDa	
	Observed MW: 51~55 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

CRBN plays an important role in assembly and surface expression of functional BK(Ca) channels. The mutation of human cereblon gene (CRBN) is related with mild mental retardation, and causes ARNSID (nonsyndromal intellectual disability) by disturbing the developmental regulation of BK(Ca) in brain regions that are critical for memory and learning. CRBN is also identified as important thalidomide-binding protein for limb outgrowth in zebrafish and chicks. It can be detected a band above 51 kDa (maybe 55 kDa) in HT22 cells(PMID: 21232561).

Storage

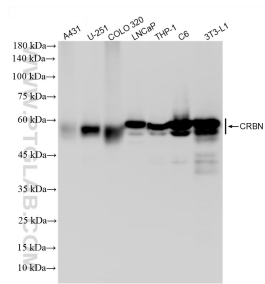
Storage:
Store at -80°C.

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 87559-1-RR (CRBN antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87559-1-PBS in a different storage buffer formulation.