

For Research Use Only

Cryptochrome 2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85866-1-PBS



Basic Information

Catalog Number:	85866-1-PBS	GenBank Accession Number:	BC041814	Purification Method:	Protein A purification
Source:	Rabbit	GenID (NCBI):	1408	CloneNo.:	250166A8
Isotype:	IgG	UNIPROT ID:	Q49AN0		
Immunogen Catalog Number:	AG38484	Full Name:	cryptochrome 2 (photolyase-like)		
		Calculated MW:	593 aa, 67 kDa		
		Observed MW:	65-70 kDa		

Applications

Tested Applications:
WB, IP, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Cryptochrome circadian clock 2 (CRY2) is a flavin adenine dinucleotide-binding protein that is a key component of the circadian core oscillator complex, which regulates the circadian clock. Loss of CRY2 stabilizes c-MYC and enhances cellular transformation. CRY2 can function as a co-factor for the SCF substrate adaptor FBXL3 (PMID: 27840026).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

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

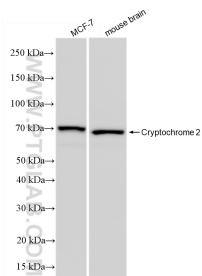
T: 4006900926

E: Proteintech-CN@ptglab.com

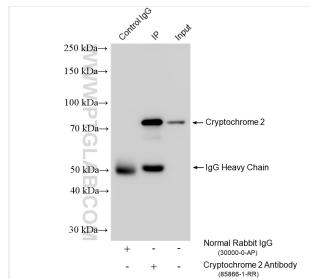
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85866-1-RR (Cryptochrome 2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85866-1-PBS in a different storage buffer formulation.



IP result of anti-Cryptochrome 2 (IP:85866-1-RR, 4ug; Detection:85866-1-RR 1:2000) with mouse brain tissue lysate 1720 ug. This data was developed using the same antibody clone with 85866-1-PBS in a different storage buffer formulation.