

For Research Use Only

CNOT3 Monoclonal antibody, PBS Only



Catalog Number: 68436-1-PBS

Basic Information

Catalog Number: 68436-1-PBS	GenBank Accession Number: BC016474	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4849	CloneNo.: 2E12C6
Source: Mouse	UNIPROT ID: O75175	
Isotype: IgG1	Full Name: CCR4-NOT transcription complex, subunit 3	
Immunogen Catalog Number: AG33646	Calculated MW: 120 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, pig , mouse, rat , rabbit

Background Information

The CCR4-NOT complex, the major deadenylase in mammalian cells, shortens the mRNA poly(A) tail and leads to the destabilization of mRNAs. The CCR4-NOT complex plays pivotal roles in various physiological functions, including cell apoptosis, proliferation, and metabolism [PMID:22342980]. CNOT3, belongs to the CCR4-NOT complex, has a critical role in maintaining mouse and human ESC identity as a protein complex and inhibit differentiation into the extraembryonic lineages. It is also involved in the regulation of the spindle assembly checkpoint [PMID:22342980,22367759].

Storage

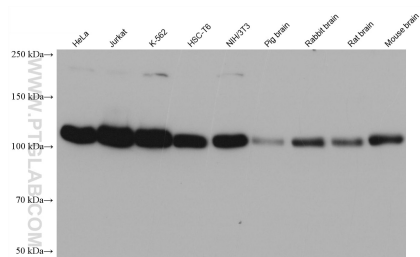
Storage:
Store at -80°C.

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 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 68436-1-Ig (CNOT3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68436-1-PBS in a different storage buffer formulation.