

For Research Use Only

CORO1B Polyclonal antibody, PBS Only

Catalog Number: 31091-1-PBS



Basic Information

Catalog Number: 31091-1-PBS	GenBank Accession Number: BC006449	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57175	
Source: Rabbit	UNIPROT ID: Q9BR76	
Isotype: IgG	Full Name: coronin, actin binding protein, 1B	
Immunogen Catalog Number: AG34813	Calculated MW: 498 aa, 54 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

CORO1B (Coronin 1B) is an actin-binding protein that controls actin networks at classical lamellipodia (PMID: 32850828). Coro1B localizes to the plasma membrane, regulates lamellipodia formation, and when phosphorylated, it can no longer bind ARP2/3 and inhibit its actin nucleation abilities (PMID: 22619279).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

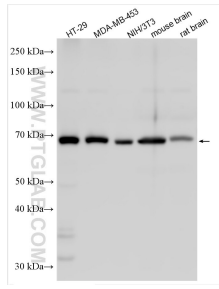
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

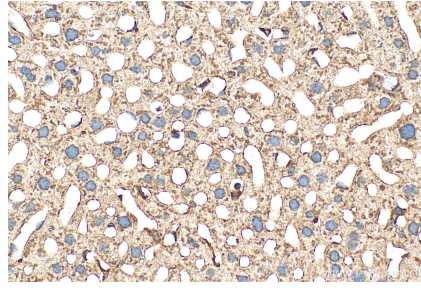
E: proteintech@ptglab.com
W: ptglab.com

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

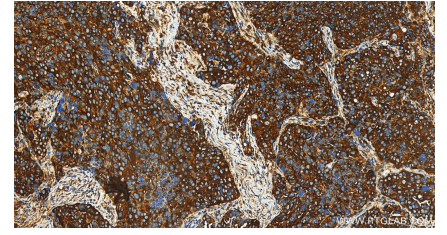
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31091-1-AP (CORO1B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31091-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 31091-1-AP (CORO1B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31091-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 31091-1-AP (CORO1B antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31091-1-PBS in a different storage buffer formulation.