

For Research Use Only

# CORO1B Polyclonal antibody, PBS Only

Catalog Number: 31091-1-PBS



## Basic Information

<b>Catalog Number:</b> 31091-1-PBS	<b>GenBank Accession Number:</b> BC006449	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 57175	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BR76	
<b>Isotype:</b> IgG	<b>Full Name:</b> coronin, actin binding protein, 1B	
<b>Immunogen Catalog Number:</b> AG34813	<b>Calculated MW:</b> 498 aa, 54 kDa	
	<b>Observed MW:</b> 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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

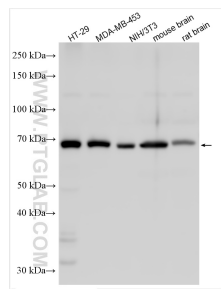
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

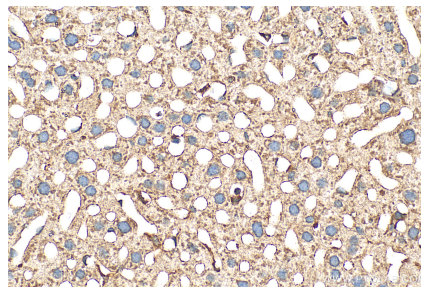
W: [ptgcn.com](http://ptgcn.com)

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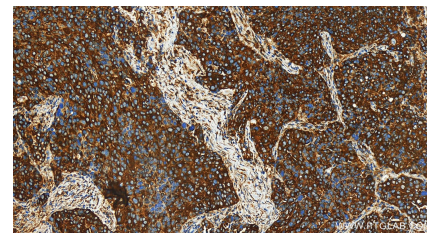
## Selected Validation Data



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.