

For Research Use Only

# CTTNBP2 Polyclonal antibody, PBS Only

Catalog Number: 17893-1-PBS



## Basic Information

<b>Catalog Number:</b> 17893-1-PBS	<b>GenBank Accession Number:</b> BC106000	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 83992	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WZ74	
<b>Isotype:</b> IgG	<b>Full Name:</b> cortactin binding protein 2	
<b>Immunogen Catalog Number:</b> AG12219	<b>Calculated MW:</b> 1663 aa, 181 kDa	
	<b>Observed MW:</b> 181 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IP, Indirect ELISA

**Species Specificity:**  
human, mouse

## Background Information

Cortactin Binding Protein 2 (CTTNBP2) is a cytoskeleton regulator predominantly expressed in neurons and highly enriched at dendritic spines. CTTNBP2 controls the synaptic expression of a set of zinc-regulated autism-associated genes and influences NMDAR function and signaling (PMID: 32492416).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

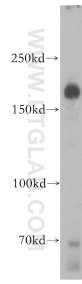
For technical support and original validation data for this product please contact:

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

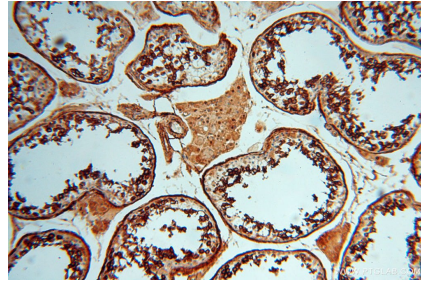
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

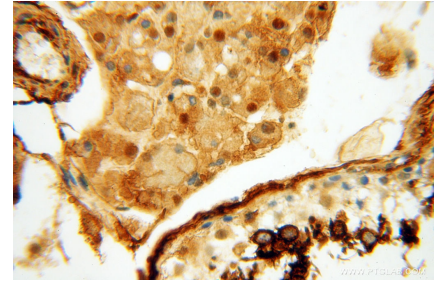
## Selected Validation Data



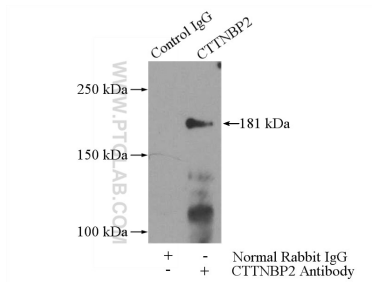
mouse brain tissue were subjected to SDS PAGE followed by western blot with 17893-1-AP (CTTNBP2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17893-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis using 17893-1-AP (CTTNBP2 antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 17893-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis using 17893-1-AP (CTTNBP2 antibody) at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 17893-1-PBS in a different storage buffer formulation.



IP result of anti-CTTNBP2 (IP:17893-1-AP, 5ug; Detection:17893-1-AP 1:500) with mouse brain tissue lysate 4000ug. This data was developed using the same antibody clone with 17893-1-PBS in a different storage buffer formulation.