

For Research Use Only

# CTNNBL1 Polyclonal antibody

Catalog Number: 13665-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 13665-1-AP	<b>GenBank Accession Number:</b> BC036739	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 160 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 56259	<b>Recommended Dilutions:</b> WB 1:500-1:2400 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> catenin, beta like 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 563 aa, 65 kDa	
<b>Immunogen Catalog Number:</b> AG4578	<b>Observed MW:</b> 65 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> Jurkat cells, mouse spleen tissue, mouse thymus tissue
<b>Species Specificity:</b> human, mouse	<b>IHC :</b> human testis tissue,
<b>Cited Species:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

CTNNBL1, also named as C20orf33, belongs to the armadillo-containing protein family (PMID: 32484799). CTNNBL1 is a widely expressed nucleoprotein that associates with the pre-mRNA processing factor 19 (Prp19) complex of the spliceosome, interacting with its CDC5L component. CTNNBL1 can maintain the content and integrity of the Prp19 spliceosome complex by regulating the interaction between CWC15 and CDC5L (PMID: 28501461). CTNNBL1 has 4 isoforms with the molecular weights of 36, 43, 62 and 65 kDa, respectively. CTNNBL1 may play an important role in colorectal cancer and regulating AID function (PMID: 28501461, 32484799).

## Notable Publications

Author	Pubmed ID	Journal	Application
Liping Sun	34016142	J Transl Med	WB
Shingo Kishi	34068442	Int J Mol Sci	WB

## Storage

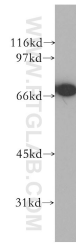
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

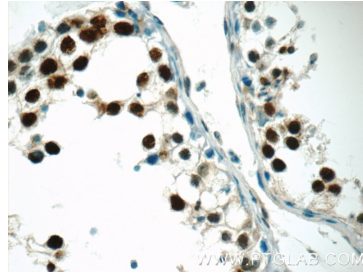
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 13665-1-AP (CTNNB1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 13665-1-AP (CTNNB1 Antibody) at dilution of 1:50 (under 40x lens).