

For Research Use Only

# WDR81 Polyclonal antibody

Catalog Number: 24874-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 24874-1-AP	<b>GenBank Accession Number:</b> BC114568	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 750 µg/ml by Nanodrop and 413 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 124997	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:200-1:800 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> WD repeat domain 81	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1941 aa, 212 kDa	
<b>Immunogen Catalog Number:</b> AG21666	<b>Observed MW:</b> 74-80 kDa, 250 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, IHC : mouse cerebellum tissue, IF : mouse cerebellum tissue, HepG2 cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

WD repeat-containing protein 81 (WDR81) is a 1941 amino acid protein, which contains one BEACH domain and five WD repeats. WDR81 is widely expressed in the brain. WDR81 has an association with cerebellar ataxia, mental retardation, and dysequilibrium syndrome 2. WDR81 exists as six isoforms.

## Notable Publications

Author	Pubmed ID	Journal	Application
Min Wang	30531936	Mol Psychiatry	
Mohamed S Abdel-Hamid	34338917	Neurogenetics	WB

## Storage

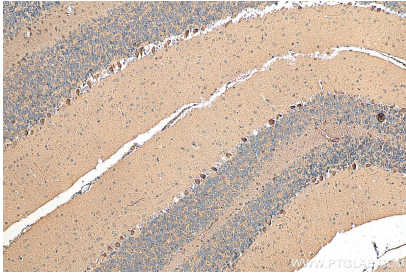
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

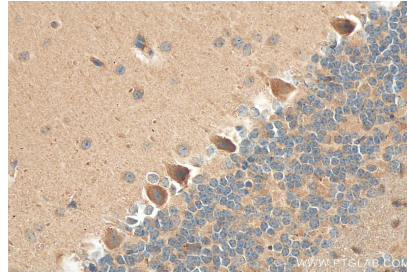
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

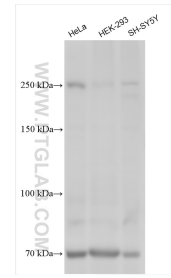
## Selected Validation Data



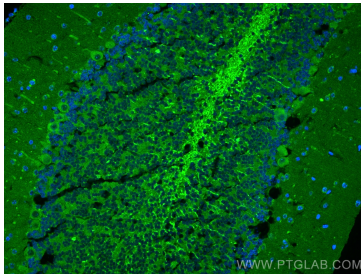
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 24874-1-AP (WDR81 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 24874-1-AP (WDR81 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 24874-1-AP (WDR81 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using WDR81 antibody (24874-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).