For Research Use Only

WDR81 Polyclonal antibody

Catalog Number:24874-1-AP Featured Product 5 Publications

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Basic Information

Catalog Number:
24874-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG21666

GenBank Accession Number:
BC114568

GeneID (NCBI):
124997

UNIPROT ID:
Q562E7

Full Name:
WD repeat domain 81

Calculated MW:
1941 aa, 212 kDa

Observed MW:
74-80 kDa, 250 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:1000
IHC: 1:200-1:800
IF-P: 1:50-1:500
IF/ICC: 1:200-1:800

Applications

Tested Applications:
WB, IHC, IF/ICC, IF-P, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse

Cited Species:
human, mouse, rat

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

Positive Controls:

WB : HeLa cells, HEK-293 cells, SH-SY5Y cells

IHC : mouse cerebellum tissue,

IF-P : mouse cerebellum tissue,

IF/ICC : HepG2 cells,

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
Lu Sun	42826767	J Affect Disord	

Storage

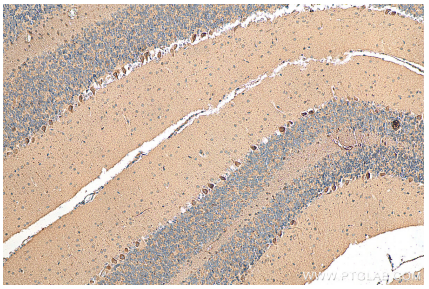
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

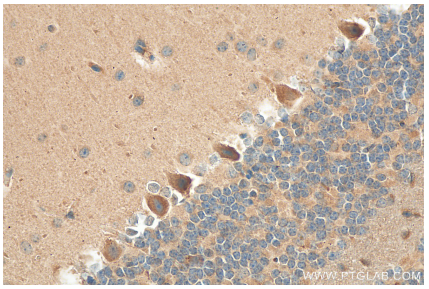
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

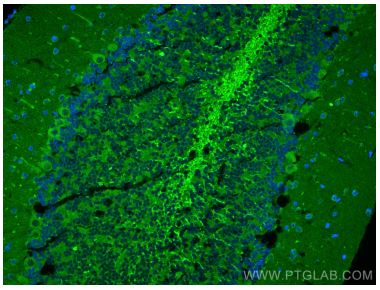
Various lysates were subjected to SDS PAGE followed by western blot with 24874-1-AP (WDR81 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



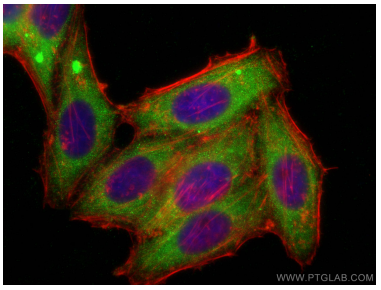
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 24874-1-AP (WDR81 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using WDR81 antibody (24874-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).