

For Research Use Only

WDR41 Polyclonal antibody

Catalog Number: 26817-1-AP

1 Publications



Basic Information

Catalog Number:

26817-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 500 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25275

GenBank Accession Number:

BC040241

GeneID (NCBI):

55255

UNIPROT ID:

Q9HAD4

Full Name:

WD repeat domain 41

Calculated MW:

459 aa, 52 kDa

Observed MW:

52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : fetal human brain tissue,

Background Information

WDR41, or WD40 repeat-containing protein 41, is a protein that plays a role in regulating cellular processes, particularly in the context of neurodegenerative diseases such as amyotrophic lateral sclerosis (ALS) and frontotemporal dementia (FTD). It is part of a complex that includes C9ORF72 and SMCR8, which has been shown to regulate autophagy and function as a Rab GTPase-activating protein (GAP). The C9ORF72-SMCR8-WDR41 complex is believed to participate in the regulation of membrane trafficking and autophagy-lysosome pathway.

Notable Publications

Author	Pubmed ID	Journal	Application
John L Goodier	32678027	Acta Neuropathol Commun	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

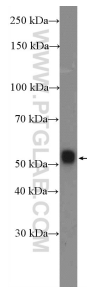
For technical support and original validation data for this product please contact:

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Selected Validation Data



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 26817-1-AP (WDR41 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.