

For Research Use Only

# AP repeat Polyclonal ANTIBODY



Catalog Number: 24493-1-AP

3 Publications

## Basic Information

Catalog Number:  
24493-1-AP

Size:  
30 µg/150 µl

Source:  
Rabbit

Isotype:  
IgG

Purification Method:  
Antigen affinity purification

Immunogen Catalog Number:

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Calculated MW:

Observed MW:

Recommended Dilutions:

## Applications

Tested Applications:

ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human

Cited Species:

human

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

Positive Controls:

## Background Information

The C9orf72 "GGGGCC" repeat sequence codes five repeat peptide "GA repeat; GAGAGAGAGA", "GP repeat; GPGPGPGPG", "GR repeat; GRGRGRGRG", "AP repeat; APAPAPAPA" and "PR repeat; PRPRPRPRP". It was described previously that aggregated forms of poly-GA and poly-GP proteins do not enter the separation gel (PMD: 26374446). This antibody is used to detect the "AP repeat" sequence. This antibody detects the APAPAPAPA peptide with dilution 1:32,000 in Elisa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ian R A Mackenzie	26374446	Acta Neuropathol	WB, IHC
Janis Bennion Callister	27798094	Hum Mol Genet	WB, IF
Johnathan Cooper-Knock	25943887	Acta Neuropathol	IF

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

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## Selected Validation Data