

For Research Use Only

AP repeat Polyclonal antibody

Catalog Number: 24493-1-AP

7 Publications



Basic Information

Catalog Number:

24493-1-AP

Concentration:

200 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Antigen affinity purification

Recommended Dilutions:

ELISA: 1:10-1:100

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human

Positive Controls:

ELISA : peptide,

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 (PMID: 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 RA Mackenzie	26374446	Acta Neuropathol	WB, IHC
Janis Bennion Callister	27798094	Hum Mol Genet	WB, IF
Yuichi Riku	31144027	Acta Neuropathol	IHC

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:

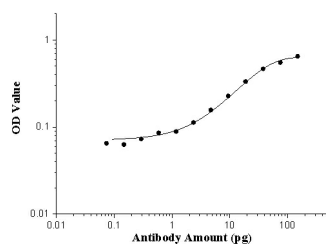
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



AP repeat Antibody (24493-1-AP) tested in ELISA. AP repeat peptide was coated onto the microplates at 1.5 µg/well and then incubated with dilution series of AP repeat antibody (24493-1-AP). Bound antibodies were detected with HRP conjugated anti-Rabbit IgG followed by incubation with HRP Substrate and then measuring the resulting absorbance at 450 nm.