

For Research Use Only

AP repeat Polyclonal antibody

Catalog Number: 24493-1-AP

7 Publications



Basic Information

Catalog Number:

24493-1-AP

GenBank Accession Number:

GeneID (NCBI):

Purification Method:

Antigen affinity purification

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Full Name:

Source:

Rabbit

Isotype:

IgG

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human

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 R A 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

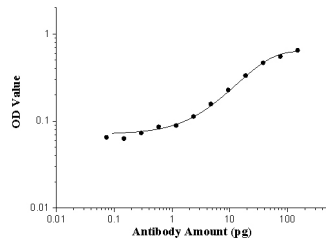
For technical support and original validation data for this product please contact:

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Selected Validation Data



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.