

For Research Use Only

PR repeat Polyclonal antibody

Catalog Number: 23979-1-AP

28 Publications



Basic Information

Catalog Number:

23979-1-AP

Concentration:

400 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, Dot Blot

Species Specificity:

human

Cited Species:

human, mouse, rat, drosophila

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 "PR repeat" sequence. This antibody detects the PRPRPRPRP peptide with dilution 1:4,500 in Elisa.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------------|-----------|------------------|-------------|
| Ian RA Mackenzie | 26374446 | Acta Neuropathol | WB, IHC |
| Junli Gao | 36103513 | Sci Transl Med | WB |
| Valeria Colicchia | 36062323 | FEBS Open Bio | IF |

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:

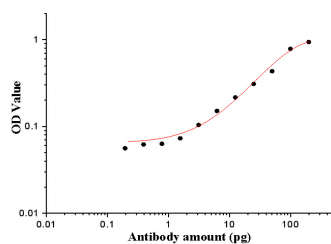
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Selected Validation Data



PR repeat Antibody (23979-1-AP) tested in ELISA. PR repeat peptide was coated onto the microplates at 1.5 µg/well and then incubated with dilution series of PR repeat antibody (23979-1-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.