

For Research Use Only

PR repeat Polyclonal ANTIBODY



Catalog Number: 23979-1-AP

6 Publications

Basic Information

Catalog Number:
23979-1-AP

Size:
38 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, rat

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 (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 R A Mackenzie	26374446	Acta Neuropathol	WB, IHC
Janis Bennion Callister	27798094	Hum Mol Genet	WB, IF
Yvonne Davidson	26538301	Neuropathol Appl Neurobiol	WB, 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

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data