

For Research Use Only

# GR repeat Polyclonal antibody

Catalog Number: 23978-1-AP

Featured Product

23 Publications



## Basic Information

Catalog Number:  
23978-1-AP

Size:  
150ul, Concentration: 400 µg/ml by  
Nanodrop;

Source:  
Rabbit

Isotype:  
IgG

GenBank Accession Number:  
GeneID (NCBI):

Full Name:

Purification Method:  
Antigen affinity purification

Recommended Dilutions:  
WB 1:500-1:2000

## Applications

Tested Applications:  
WB, ELISA

Cited Applications:  
Dot Blot, IF, IHC, WB

Species Specificity:  
human

Cited Species:  
human, mouse, zebrafish, Drosophila

Positive Controls:

WB: Recombinant protein,

## 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 GR repeated sequence. The recombinant proteins GST-SNRPD1 and 6<sup>His</sup> tag-SNRPD1 which contains the sequence "GRGRGRGRGRGRGRGR" were used to detect this antibody. Both proteins can be recognized by the antibody 23978-1-AP.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ian R A Mackenzie	26374446	Acta Neuropathol	WB, IHC
Junli Gao	36103513	Sci Transl Med	WB
Ryan J H West	32894207	Acta Neuropathol Commun	WB

## 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

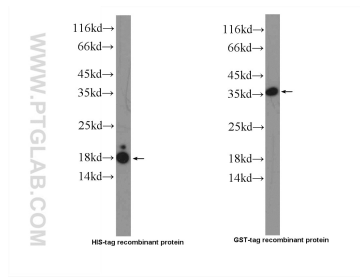
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with 23978-1-AP (GR repeat Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.