

## anti- GP repeat antibody

### Product Information

Catalog No.:	FNab03570
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

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 GP repeated sequence. The recombinant protein with 6\*His tag or GST tag which contains the sequence "GPGPGPGPG" were used to detect this antibody.

### Immunogen information

Immunogen:	GP repeat
Synonyms:	C9RAN, GGGCC, GP repeat, GPGPGPGP, poly GP, poly PG

### Application

Reactivity:	Human
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200
Image:	

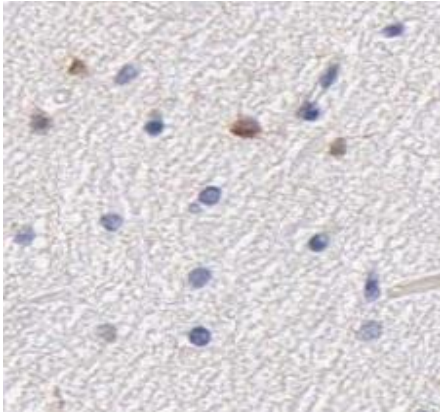
### Wuhan Fine Biotech Co., Ltd.

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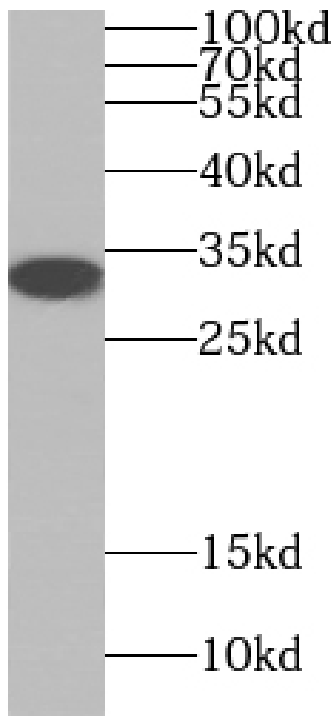
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Immunohistochemistry of paraffin-embedded human brain using FNab03570(GP repeat antibody) at dilution of 1:100



Recombinant proteins which contains GP repeat sequence were subjected to SDS PAGE followed by western blot with FNab03570(GP repeat Antibody) at dilution of 1:1000