

For Research Use Only

# GA repeat Polyclonal antibody

Catalog Number: 24492-1-AP **7 Publications**



## Basic Information

Catalog Number:

24492-1-AP

Size:

150ul , Concentration: 300 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

ELISA

Cited Applications:

Dot Blot, IF, IHC, WB

Species Specificity:

human

Cited Species:

Drosophila, human, mouse

## 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 "GA repeat" sequence. This antibody detects the GAGAGAGAGA peptide with dilution 1:32,000 in Elisa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Janis Bennion Callister	27798094	Hum Mol Genet	WB,IF
Chen Liang	31625563	Hum Mol Genet	
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

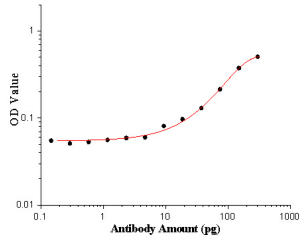
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## Selected Validation Data



GA repeat Antibody (24492-1-AP) tested in ELISA. GA repeat peptide was coated onto the microplates at 1.5  $\mu\text{g}/\text{well}$  and then incubated with dilution series of GA repeat antibody (24492-1-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.