For Research Use Only

GA repeat Polyclonal antibody

Catalog Number:24492-1-AP 9 Publications

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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
Kornélia Szebényi	34675437	Nat Neurosci	
Chen Liang	31625563	Hum Mol Genet	

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:
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E: proteintech@ptglab.com
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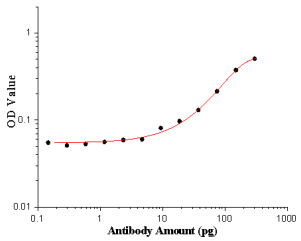
Selected Validation Data



GA repeat Antibody (24492-1-AP) tested in ELISA. GA repeat peptide was coated onto the microplates at 1.5 µg/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.