GA repeat Polyclonal ANTIBODY

Catalog Number: 24492-1-AP

Basic Information

Catalog Number: 24492-1-AP
Size: 25 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen-affinity purification
Immunogen Catalog Number:

Recommended Dilutions:

Applications

Tested Applications: ELISA
Cited Applications: IF, IHC, WB
Species Specificity: human
Cited Species: human

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

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
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<tbody>
<tr>
<td>Janis Bonnion Callister</td>
<td>27798094</td>
<td>Hum Mol Genet</td>
<td>WB, IF</td>
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<tr>
<td>Chen Liang</td>
<td>31628663</td>
<td>Hum Mol Genet</td>
<td>WB, IHC</td>
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<tr>
<td>Yvonne Davidson</td>
<td>28338301</td>
<td>Neuropathol Appl Neurobiol</td>
<td>WB, IHC</td>
</tr>
</tbody>
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Storage

Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.1% 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
W: ptglab.com

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Selected Validation Data