Product datasheet

Anti-Deadpan antibody [11D1CH11] ab195172

Overview

Product name: Anti-Deadpan antibody [11D1CH11]
Description: Rat monoclonal [11D1CH11] to Deadpan
Host species: Rat
Tested applications: Suitable for: IHC, ICC/IF
Species reactivity: Reacts with: Drosophila melanogaster
Immunogen: Recombinant full length protein corresponding to Fruit fly (Drosophila melanogaster) Deadpan aa 1-435.
Sequence:

```plaintext
MDYKNDINSDDDFDCSNGYSYSDYGSNGRSNPNGLS
KAELRKTNKIMEK
RRRARINHCLNELKLLEAMKKDPARHTKLEKADILEM
TVKHLQSVQRQ
QLNMAIQSDPSVVGKFKTGIFVECAEEVNRYVQMDGIG
DTGVQRQLS AHLN
QCANSLEQIGMSNFSNGYRGGLFPATAVTAAPTLF
PSLPQDLNNSRT
ESSAPAIQMGGLQLPSGELMPNTGSAAQPP
GPFAWPAGAAGV
AAGTASAALASANPTHYLNDYTSFRRMSAFSKPVNTSV
PANLPELHITL
PGQTQLPVKNSTSPPLSPISSISSHCEESRAASPTVDV
MSKHESAGVFST
PPPTSAETSFNTSGLNLSAGSHDSSGCSRPLAHLQG
QQVSSTSGIAKRD
REAEAE SSDCSDL PSSK KFLAGAI EKSS SAWRPW
```

Database link: Q26263

Positive control: Drosophila stage 11 embryos

General notes: This antibody clone is manufactured by Abcam.

If you require this antibody in a particular buffer formulation or a particular conjugate for your experiments, please contact orders@abcam.com or you can find further information here.
Form
Liquid

Storage instructions
Shipped at 4°C. Store at +4°C. Do Not Freeze.

Storage buffer
Preservative: 0.02% Sodium azide
Constituent: 99% HEPES buffered saline

Purification notes
>95% based on SDS-PAGE

Clonality
Monoclonal

Clone number
11D1CH11

Isotype
IgG2b

Light chain type
kappa

Applications
Our Abpromise guarantee covers the use of ab195172 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>IHC</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
</tr>
<tr>
<td>ICC/IF</td>
<td>⭐⭐⭐⭐⭐</td>
<td>Use a concentration of 10 µg/ml.</td>
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Target

Relevance
Transcriptional repressor of genes that require a bHLH protein for their transcription. Likely to be involved in the functional rather than the morphological differentiation of neurons. Loss of DPN function results in weak motor activity, lethargic behavior, and death. Implicated in sex determination as Groucho-DPN complex act directly to repress SXL transcription

Cellular localization
Nuclear

Images
Immunohistochemistry analysis Drosophila stage 11 embryo labeling Deadpan with ab195172 at 10 µg/mL, followed by Alexa405 conjugated goat anti-rat secondary (at 10µg/mL).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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