

Product datasheet

Anti-Matrin 3 antibody ab37849

1 References

Overview

| | |
|----------------------------|--|
| Product name | Anti-Matrin 3 antibody |
| Description | Chicken polyclonal to Matrin 3 |
| Host species | Chicken |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Cow, Human |
| Immunogen | Corresponds to amino acids 61-270 near the N terminus of human Matrin 3. |

Properties

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| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. |
| Storage buffer | Preservative: None Constituents: PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgY |

Applications

Our [Abpromise guarantee](#) covers the use of **ab37849** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | Use at an assay dependent dilution. Predicted molecular weight: 95 kDa. |

Target

| | |
|-----------------|---|
| Function | May play a role in transcription or may interact with other nuclear matrix proteins to form the |
|-----------------|---|

internal fibrogranular network. In association with the SFPQ-NONO heteromer may play a role in nuclear retention of defective RNAs.

Involvement in disease

Defects in MATR3 are the cause of myopathy distal type 2 (MPD2) [MIM:606070]; also called vocal cord and pharyngeal dysfunction with distal myopathy (VCPDM). MPD2 is a muscular disorder characterized by distal weakness, with onset in hands and feet, associated with vocal cord and pharyngeal weakness causing a nasal voice and swallowing disorders.

Sequence similarities

Contains 1 matrin-type zinc finger.
Contains 2 RRM (RNA recognition motif) domains.

Cellular localization

Nucleus matrix.

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