

## Product datasheet

# Anti-Nectin 3 antibody ab63931

★★★★★ 2 Abreviews 10 References 1 Image

### Overview

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-Nectin 3 antibody   |
| <b>Description</b>         | Rabbit polyclonal to Nectin 3  |
| <b>Host species</b>        | Rabbit   |
| <b>Tested applications</b> | <b>Suitable for:</b> IHC-Fr, WB  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse, Rat   |
| <b>Immunogen</b>           | Synthetic peptide corresponding to a region surrounding amino acid 536 of mouse nectin 3 |
| <b>Positive control</b>    | 3T3 cell lysate; Rat kidney lysate   |

### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.             |
| <b>Storage buffer</b>       | Preservative: 0.01% Thimerosal (merthiolate)<br>Constituents: 30% Glycerol, 0.5% BSA, PBS, pH 7.2 |
| <b>Purity</b>               | Protein A purified  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

### Applications

Our [Abpromise guarantee](#) covers the use of **ab63931** in the following tested applications.

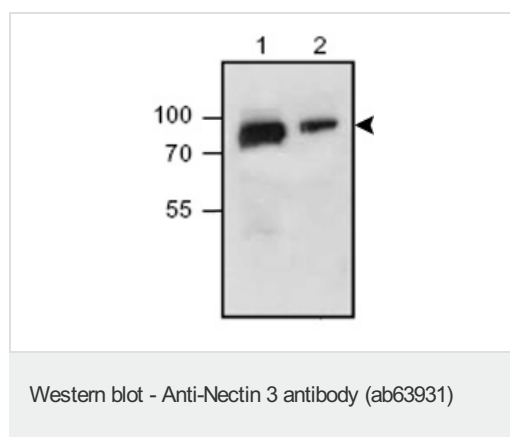
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes  |
|-------------|-----------|--|
| IHC-Fr      | ★★★★★     | Use at an assay dependent concentration. See Abreview.   |
| WB          | ★★★★★     | Use a concentration of 0.5 - 4 µg/ml. Detects a band of approximately 83 kDa (predicted molecular weight: 83 kDa). |

## Target

|                              |   |
|------------------------------|---|
| <b>Function</b>              | Plays a role in cell-cell adhesion through heterophilic trans-interactions with nectin-like proteins or nectins, such as trans-interaction with PVRL2/nectin-2 at Sertoli-spermatid junctions. Trans-interaction with PVR induces activation of CDC42 and RAC small G proteins through common signaling molecules such as SRC and RAP1. Also involved in the formation of cell-cell junctions, including adherens junctions and synapses. Induces endocytosis-mediated down-regulation of PVR from the cell surface, resulting in reduction of cell movement and proliferation. Plays a role in the morphology of the ciliary body. |
| <b>Tissue specificity</b>    | Predominantly expressed in testis and placenta as well as in many cell lines, including epithelial cell lines.  |
| <b>Sequence similarities</b> | Belongs to the nectin family.<br>Contains 2 Ig-like C2-type (immunoglobulin-like) domains.<br>Contains 1 Ig-like V-type (immunoglobulin-like) domain.   |
| <b>Cellular localization</b> | Cell membrane.  |

## Images



**All lanes :** Anti-Nectin 3 antibody (ab63931)  
at 1  $\mu$ g

**Lane 1 :** Rat kidney lysate

**Lane 2 :** 3T3 cell lysate

Lysates/proteins at 30  $\mu$ g per lane.

**Predicted band size:** 83 kDa

**Observed band size:** 83 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors