### Overview

**Product name**  
Anti-Claudin 15 antibody

**Description**  
Mouse polyclonal to Claudin 15

**Host species**  
Mouse

**Tested applications**  
**Suitable for:** WB

**Species reactivity**  
**Reacts with:** Human

**Immunogen**  
Full length protein, corresponding to amino acids 1-228 of Human Claudin 15

**Positive control**  
Transfected 293T cell lysate

### Properties

**Form**  
Liquid

**Storage instructions**  
Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

**Storage buffer**  
pH: 7.20  
Constituent: 2.68% PBS

**Purity**  
Protein A purified

**Clonality**  
Polyclonal

**Isotype**  
IgG

### Applications

Our Abpromise guarantee covers the use of ab68631 in the following tested applications.

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

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>1/500 - 1/1000. Detects a band of approximately 18 kDa (predicted molecular weight: 24 kDa).</td>
<td></td>
</tr>
</tbody>
</table>

### Target
<table>
<thead>
<tr>
<th><strong>Function</strong></th>
<th>Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sequence similarities</strong></td>
<td>Belongs to the claudin family.</td>
</tr>
<tr>
<td><strong>Cellular localization</strong></td>
<td>Cell junction &gt; tight junction. Cell membrane.</td>
</tr>
</tbody>
</table>

### Images

#### Western blot - Anti-Claudin 15 antibody (ab68631)

| **All lanes**: Anti-Claudin 15 antibody (ab68631) at 1/500 dilution |
| **Lane 1**: transfected 293T cell lysate |
| **Lane 2**: non transfected 293T cell lysate |

Lysates/proteins at 25 µg per lane.

**Secondary**

| **All lanes**: Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution |

**Predicted band size**: 24 kDa  
**Observed band size**: 18 kDa

**why is the actual band size different from the predicted?**

---

### 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 [https://www.abcam.com/abpromise](https://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