

## Product datasheet

# Anti-KGF/FGF-7 antibody [EPR7261] ab131162

Recombinant **RabMAb**

[6 References](#) [4 Images](#)

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-KGF/FGF-7 antibody [EPR7261]   |
| <b>Description</b>         | Rabbit monoclonal [EPR7261] to KGF/FGF-7  |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse, Rat, Human   |
| <b>Immunogen</b>           | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| <b>Positive control</b>    | WB: Fetal brain and fetal kidney lysates; 293T cell lysate. Human, mouse and rat brain lysate.  |
| <b>General notes</b>       | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p><b>We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.</b></p> |

### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | <p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol, 59% PBS, 0.05% BSA</p>                     |
| <b>Purity</b>               | Protein A purified  |

|                     |            |
|---------------------|------------|
| <b>Clonality</b>    | Monoclonal |
| <b>Clone number</b> | EPR7261    |
| <b>Isotype</b>      | IgG        |

## Applications

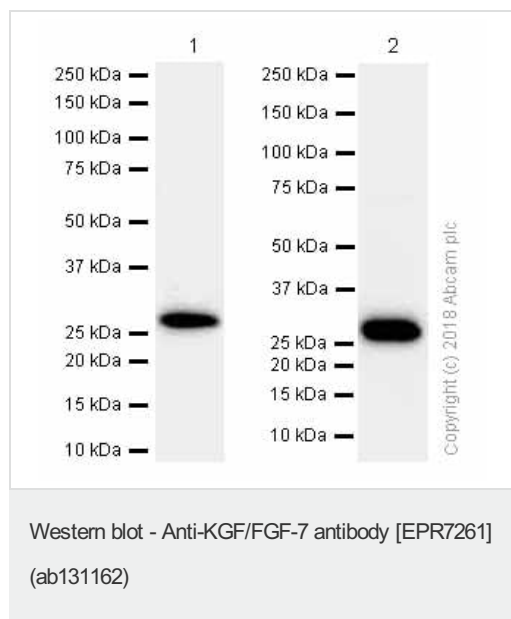
**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab131162 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes  |
|-------------|-----------|--|
| <b>WB</b>   |           | 1/1000 - 1/10000. Detects a band of approximately 28 kDa (predicted molecular weight: 23 kDa). |

## Target

|                              |   |
|------------------------------|---|
| <b>Function</b>              | Growth factor active on keratinocytes. Possible major paracrine effector of normal epithelial cell proliferation.   |
| <b>Tissue specificity</b>    | Epithelial cell.  |
| <b>Sequence similarities</b> | Belongs to the heparin-binding growth factors family.   |
| <b>Cellular localization</b> | Secreted.   |
| <b>Form</b>                  | Potent epithelial cell-specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. |

## Images



**All lanes :** Anti-KGF/FGF-7 antibody [EPR7261] (ab131162) at 0.1 µg/ml (purified)

**Lane 1 :** Mouse brain lysates

**Lane 2 :** Rat brain lysates

Lysates/proteins at 15 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution

**Predicted band size:** 23 kDa

**Observed band size:** 28 kDa

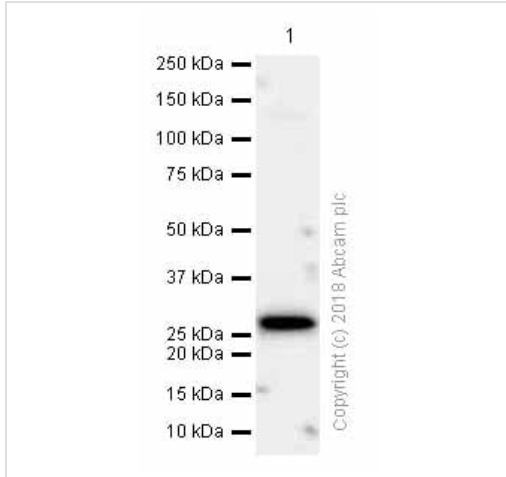
Blocking and diluting buffer: 5% NFDm/TBST.

Anti-KGF/FGF-7 antibody [EPR7261] (ab131162) at 0.1 µg/ml (purified) + Human brain lysates at 15 µg

**Secondary**

Rabbit monoclonal [EPR7261] to KGF/FGF-7 (ab131162) at 1/2000 dilution (Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG)

**Predicted band size:** 23 kDa



Western blot - Anti-KGF/FGF-7 antibody [EPR7261] (ab131162)

Blocking and diluting buffer: 5% NFDm/TBST.

**All lanes :** Anti-KGF/FGF-7 antibody [EPR7261] (ab131162) at 1/1000 dilution (Unpurified)

**Lane 1 :** Fetal brain lysate

**Lane 2 :** 293T cell lysate

**Lane 3 :** Fetal kidney lysate

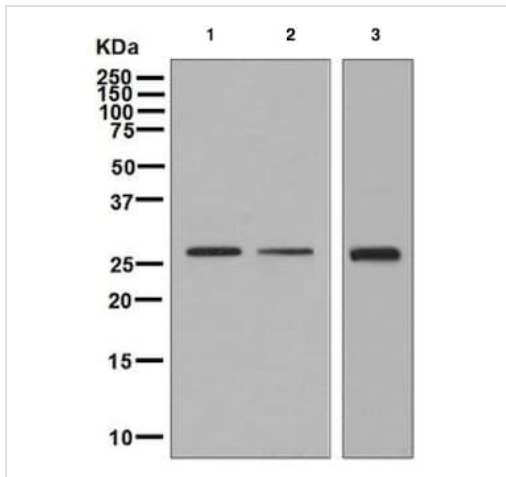
Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** HRP labelled goat anti-rabbit IgG at 1/2000 dilution

**Predicted band size:** 23 kDa

**Observed band size:** 28 kDa



Western blot - Anti-KGF/FGF-7 antibody [EPR7261] (ab131162)

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-KGF/FGF-7 antibody [EPR7261] (ab131162)

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

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