

Product datasheet

Anti-Cx37/GJA4 antibody ab185820

1 Image

Overview

Product name	Anti-Cx37/GJA4 antibody
Description	Rabbit polyclonal to Cx37/GJA4
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant full length protein corresponding to Human Cx37/GJA4 aa 1-333.

Sequence:

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MGDWGFLEKLLDQVQEHSTVVGKWLTVLFI FRILILGLAG
ESVWGDEQS DFECNTAQPG
CTNVCYDQAFPISHIRYWVLQFLVSTPTLVYLGHVIY
LSRREERLRQKEGELRALPAKD
PQVERALAAVERQMAKISVAEDGRLR
IRGALMGTYVASVLCKSVLEAGFLYGQWRLYGWT
MEPVFVCQRAPCPY
LVDCFVSRPTEKTIFIFMLVVGLISLVLNLELVHLLCRCLS
RGM RA
RQGQDAPPTQGTSSDPYTDQVFFYLPVGGQPSSPPCPTY
NGLSSSEQNWA NLTTEERL
ASSRPPLFLDPPPQNGQKPPSRPSSSASKKQYV
    
```

Database link: [P35212](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

General notes Previously labelled as Connexin 37 / GJA4.

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

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. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab185820** 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		1/500 - 1/2000. Predicted molecular weight: 37 kDa.

Target

Function	One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.
Tissue specificity	Expressed in multiple organs and tissues, including heart, uterus, ovary, and blood vessel endothelium.
Sequence similarities	Belongs to the connexin family. Alpha-type (group II) subfamily.
Cellular localization	Cell membrane. Cell junction > gap junction.

Images



All lanes : Anti-Cx37/GJA4 antibody (ab185820) at 1/500 dilution

Lane 1 : SW620 cell lysate

Lane 2 : BT474 cell lysate

Lane 3 : 293T cell lysate

Lane 4 : H460 cell lysate

Predicted band size: 37 kDa

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

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> or contact our technical team.

Terms and conditions

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