


Product datasheet

Anti-B27 antibody ab168120

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Overview

| | |
|----------------------------|---|
| Product name | Anti-B27 antibody |
| Description | Mouse polyclonal to B27 |
| Host species | Mouse |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Human Predicted to work with: Chimpanzee  |
| Immunogen | Recombinant full length protein within Human B27 aa 1-200. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Run BLAST with Run BLAST with |
| Positive control | B27 transfected 293T cell lysate |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</p> |

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 or -80°C. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.4 Constituent: 99% PBS |
| Purity | Protein A purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab168120 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) | Use a concentration of 1 µg/ml. Predicted molecular weight: 19 kDa. |

Target

Function

Required for MC2R expression in certain cell types, suggesting that it is involved in the processing, trafficking or function of MC2R. May be involved in the intracellular trafficking pathways in adipocyte cells.

Tissue specificity

Expressed in adrenal cortex, testis, breast, thyroid, lymph node, ovary and fat. Expressed in adipose tissues.

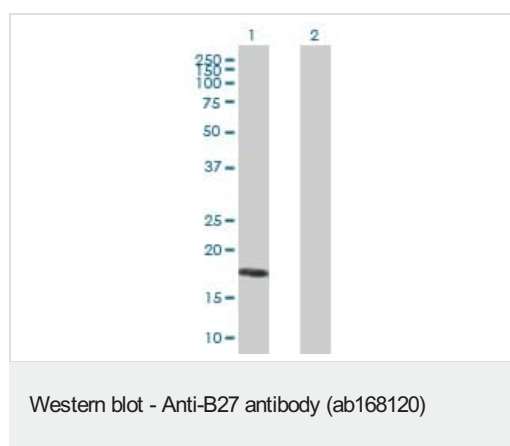
Involvement in disease

Defects in MRAP are the cause of glucocorticoid deficiency type 2 (GCCD2) [MIM:607398]; also known as familial glucocorticoid deficiency type 2 (FGD2). GCCD2 is an autosomal recessive disorder due to congenital insensitivity or resistance to adrenocorticotropin (ACTH). It is characterized by progressive primary adrenal insufficiency, without mineralocorticoid deficiency.

Cellular localization

Cytoplasm > perinuclear region. Cytoplasm. Cell membrane. Endoplasmic reticulum. Concentrated at the perinuclear membrane region. Upon insulin stimulation, it is redistributed into spotty structures throughout the cytoplasm (By similarity). Localizes both to plasma membrane and endoplasmic reticulum.

Images



All lanes : Anti-B27 antibody (ab168120) at 1 µg/ml

Lane 1 : B27 transfected 293T cell lysate

Lane 2 : Non-transfected lysate

Lysates/proteins at 15 µl per lane.

Secondary

All lanes : Goat Anti-Mouse IgG

Predicted band size: 19 kDa

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

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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