



Datasheet for ABIN4951702

anti-MEFV antibody



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1 Image

Overview

Quantity: 100 µg

Target: MEFV

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Conjugate: This MEFV antibody is un-conjugated

Application: Western Blotting (WB)

Product Details

Immunogen: Amino acids PSDHLSTLEELVPYDFEKFKLQNTSVQKEHSR of human MEFV were used as the immunogen for the MEFV antibody.

Isotype: IgG

Purification: Antigen affinity

Target Details

Target: MEFV

Alternative Name: MEFV / Mediterranean fever ([MEFV Products](#))

Background: MEFV (Mediterranean fever) is a human gene that provides instructions for making a protein called pyrin (also known as marenostatin). Pyrin is produced in certain white blood cells (neutrophils, eosinophils and monocytes) that play a role in inflammation and in fighting infection. Inside these white blood cells, pyrin is found with the cytoskeleton, the structural

Target Details

framework that helps to define the shape, size, and movement of a cell. Pyrin's protein structure also allows it to interact with other molecules involved in fighting infection and in the inflammatory response. Although pyrin's function is not fully understood, it likely assists in keeping the inflammation process under control. Research indicates that pyrin helps regulate inflammation by interacting with the cytoskeleton. And Pyrin may direct the migration of white blood cells to sites of inflammation and stop or slow the inflammatory response when it is no longer needed.

UniProt:

[O15553](#)

Pathways:

[Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes:

Optimal dilution of the MEFV antibody should be determined by the researcher.\. Western blot:
0.1-0.5 µg/mL

Restrictions:

For Research Use only

Handling

Buffer:

0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

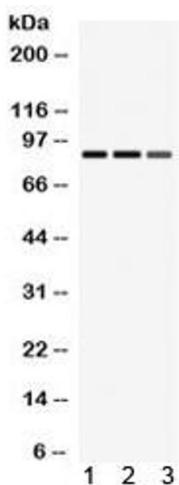
Storage:

-20 °C

Storage Comment:

After reconstitution, the MEFV antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of 1) rat spleen, 2) rat lung, 3) mouse HEPA lysate with MEFV antibody. Expected/observed molecular weight ~86 kDa.