

Datasheet for ABIN1881537  
**anti-MEFV antibody (AA 418-445)**[Go to Product page](#)

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## Overview

Quantity:	400 µL
Target:	MEFV
Binding Specificity:	AA 418-445
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEFV antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MEFV antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 418-445 amino acids from the Central region of human MEFV.
Clone:	RB41739
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MEFV
Alternative Name:	MEFV ( <a href="#">MEFV Products</a> )
Background:	This gene encodes a protein, also known as pyrin or marenostrin, that is an important

## Target Details

	modulator of innate immunity. Mutations in this gene are associated with Mediterranean fever, a hereditary periodic fever syndrome.
Molecular Weight:	86444
NCBI Accession:	<a href="#">NP_000234</a> , <a href="#">NP_001185465</a>
UniProt:	<a href="#">O15553</a>
Pathways:	<a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

## Publications

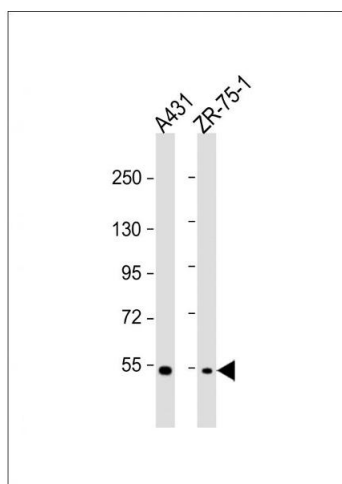
Product cited in:	<p>Hyrskyluoto, Bruelle, Lundh, Do, Kivinen, Rappou, Reijonen, Waltimo, Petersén, Lindholm, Korhonen: "Ubiquitin-specific protease-14 reduces cellular aggregates and protects against mutant huntingtin-induced cell degeneration: involvement of the proteasome and ER stress-activated kinase IRE1?." in: <b>Human molecular genetics</b>, Vol. 23, Issue 22, pp. 5928-39, (2014) (<a href="#">PubMed</a>).</p> <p>Davila, Froeling, Tan, Bonnard, Boland, Snippe, Hibberd, Seielstad: "New genetic associations detected in a host response study to hepatitis B vaccine." in: <b>Genes and immunity</b>, Vol. 11, Issue 3, pp. 232-8, (2010) (<a href="#">PubMed</a>).</p>
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Chen, Qin, Li, Walters, Wilson, Mei, Wilson: "The proteasome-associated deubiquitinating enzyme Usp14 is essential for the maintenance of synaptic ubiquitin levels and the development of neuromuscular junctions." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 29, Issue 35, pp. 10909-19, (2009) ([PubMed](#)).

Nagai, Kadowaki, Maruyama, Takeda, Nishitoh, Ichijo: "USP14 inhibits ER-associated degradation via interaction with IRE1alpha." in: **Biochemical and biophysical research communications**, Vol. 379, Issue 4, pp. 995-1000, (2009) ([PubMed](#)).

Mines, Goodwin, Limbird, Cui, Fan: "Deubiquitination of CXCR4 by USP14 is critical for both CXCL12-induced CXCR4 degradation and chemotaxis but not ERK activation." in: **The Journal of biological chemistry**, Vol. 284, Issue 9, pp. 5742-52, (2009) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** All lanes : Anti-MEFV Antibody (Center) at 1:1000 dilution Lane 1: A431 whole cell lysate Lane 2: ZR-75-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 86 kDa Blocking/Dilution buffer: 5 % NFD/MTBST.