

Anti-Mitochondrial Ferritin antibody ab93428

[1 References](#) [1 Image](#)

Overview

Product name	Anti-Mitochondrial Ferritin antibody
Description	Rabbit polyclonal to Mitochondrial Ferritin
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human Mitochondrial Ferritin aa 50-150 conjugated to keyhole limpet haemocyanin. Database link: Q8N4E7 (Peptide available as ab93799)
Positive control	This antibody gave a positive signal in both Hela and HEK293 whole cell lysates.
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: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

Clonality Polyclonal
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab93428 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		1/250. Detects a band of approximately 22 kDa (predicted molecular weight: 27 kDa).

Target

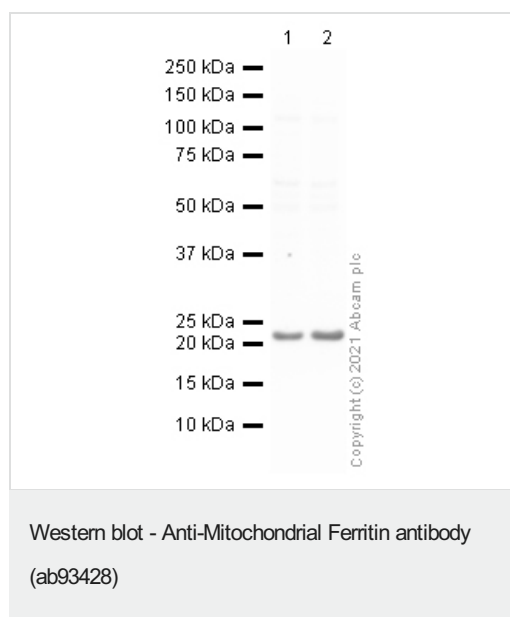
Function Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation.

Tissue specificity Detected in testis and erythroleukemia. Expression is very low or not detectable in brain, colon, heart, kidney, liver, lung, muscle, placental, spleen and small intestine.

Sequence similarities Belongs to the ferritin family.
Contains 1 ferritin-like diiron domain.

Cellular localization Mitochondrion.

Images



All lanes : Anti-Mitochondrial Ferritin antibody (ab93428) at 1 μ g/ml

Lane 1 : HeLa whole cell lysate

Lane 2 : HEK293 whole cell lysate

Lysates/proteins at 10 μ g per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/50000 dilution

Performed under reducing conditions.

Predicted band size: 27 kDa

Exposure time: 4 minutes

Blocking buffer: 2% BSA

Gel type: MES

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

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