

## Product datasheet

# Anti-MTFR1 antibody ab198192

2 Images

### Overview

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<b>Product name</b>	Anti-MTFR1 antibody
<b>Description</b>	Rabbit polyclonal to MTFR1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Fusion protein within Human MTFR1 (internal sequence). The exact sequence is proprietary. Fusion protein corresponding to a region derived from internal residues of human MTFR1. The identity of the protein fusion partner is GST. Database link: <a href="#">Q15390</a>
<b>Positive control</b>	A549, HT-29, A172 cell lysates, Human thyroid cancer tissue
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; 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.</p> <p>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&amp;As.</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.05% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab198192** in the following tested applications.

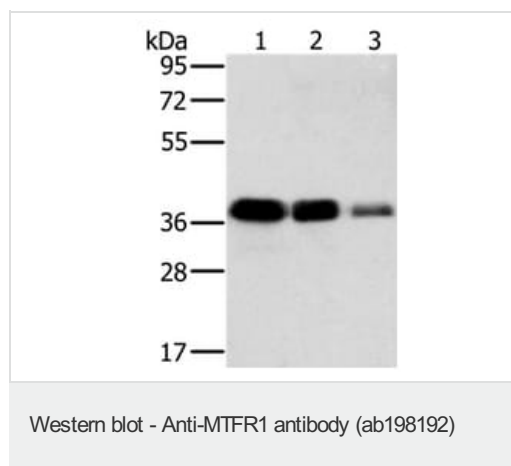
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/40 - 1/200.
WB		1/500 - 1/2000. Predicted molecular weight: 37 kDa.

## Target

<b>Function</b>	Promote mitochondrial fission.
<b>Sequence similarities</b>	Belongs to the MTFR1/FAM54 family.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Mitochondrion.

## Images



**All lanes** : Anti-MTFR1 antibody (ab198192) at 1/500 dilution

**Lane 1** : A549 cell lysate

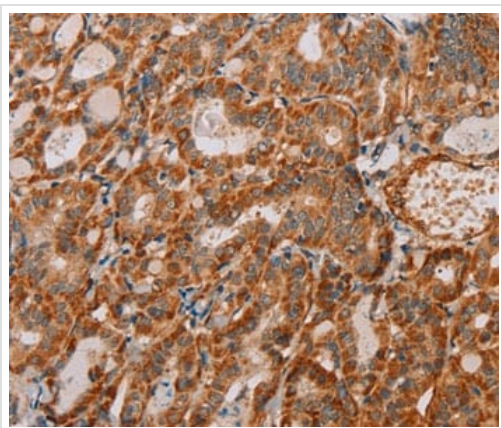
**Lane 2** : HT-29 cell lysate

**Lane 3** : A172 cell lysate

Lysates/proteins at 40 µg per lane.

**Predicted band size:** 37 kDa

**Exposure time:** 5 seconds



Immunohistochemical analysis of formalin fixed paraffin embedded human thyroid cancer tissue labeling MTFR1 with ab198192 at 1/40

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MTFR1 antibody (ab198192)

**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**

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- 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.

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