



## Product datasheet

### Anti-ABCB6/PRP antibody - C-terminal ab194409

[1 References](#) [4 Images](#)

#### Overview

<b>Product name</b>	Anti-ABCB6/PRP antibody - C-terminal
<b>Description</b>	Mouse polyclonal to ABCB6/PRP - C-terminal
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Recombinant fragment (GST-tag) corresponding to Human ABCB6/PRP aa 700 to the C-terminus (C terminal). NP_005680 Database link: <a href="#">Q9NP58</a>
	 <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	HeLa, RAW264.7, PC-12 and NIH3T3 cell lysate.
<b>General notes</b>	<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&amp;As</p>

#### Properties

<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>	Constituent: 50% Glycerol (glycerin, glycerine)
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab194409 in the following tested applications.

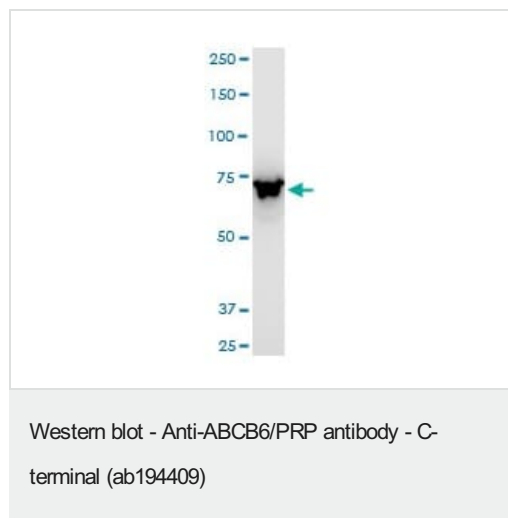
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2500. Predicted molecular weight: 94 kDa.

## Target

<b>Function</b>	Binds heme and porphyrins and functions in their ATP-dependent uptake into the mitochondria. Plays a crucial role in heme synthesis.
<b>Tissue specificity</b>	Widely expressed. Highest expression in heart and skeletal muscles.
<b>Sequence similarities</b>	Belongs to the ABC transporter superfamily. ABCB family. Heavy Metal importer (TC 3.A.1.210) subfamily. Contains 1 ABC transmembrane type-1 domain. Contains 1 ABC transporter domain.
<b>Developmental stage</b>	Highly expressed in fetal liver.
<b>Cellular localization</b>	Mitochondrion outer membrane.

## Images

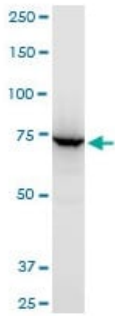


Anti-ABCB6/PRP antibody - C-terminal (ab194409) at 1/500 dilution + NIH3T3 cell lysate at 50 µg

### Secondary

Goat Anti-Mouse IgG at 1/2500 dilution

**Predicted band size:** 94 kDa



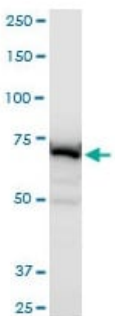
Western blot - Anti-ABCB6/PRP antibody - C-terminal (ab194409)

Anti-ABCB6/PRP antibody - C-terminal (ab194409) at 1/500 dilution + RAW264.7 cell lysate at 50 µg

#### Secondary

Goat Anti-Mouse IgG at 1/2500 dilution

**Predicted band size:** 94 kDa



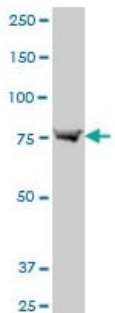
Western blot - Anti-ABCB6/PRP antibody - C-terminal (ab194409)

Anti-ABCB6/PRP antibody - C-terminal (ab194409) at 1/500 dilution + PC-12 cell lysate at 50 µg

#### Secondary

Goat Anti-Mouse IgG at 1/2500 dilution

**Predicted band size:** 94 kDa



Western blot - Anti-ABCB6/PRP antibody - C-terminal (ab194409)

Anti-ABCB6/PRP antibody - C-terminal (ab194409) at 1/500 dilution + HeLa cell lysate at 50 µg

#### Secondary

Goat Anti-Mouse IgG at 1/2500 dilution

**Predicted band size:** 94 kDa

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

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