

Product datasheet

Anti-ABCB6/PRP antibody - C-terminal ab224575

2 Images

Overview

<b>Product name</b>	Anti-ABCB6/PRP antibody - C-terminal
<b>Description</b>	Rabbit polyclonal to ABCB6/PRP - C-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment corresponding to Human ABCB6/PRP aa 786-842 (C terminal). Sequence:  STVVNADQLVIKDGCMERGRHEALLSRGGVYADMWQ LQQGQEETSEDTPQTMER  Database link: <a href="#">Q9NP58</a>
	 <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	IHC-P: Human testis tissue. ICC/IF: U-251 MG cells.
<b>General notes</b>	This product was previously labelled as ABCB6

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>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab224575** in the following tested applications.

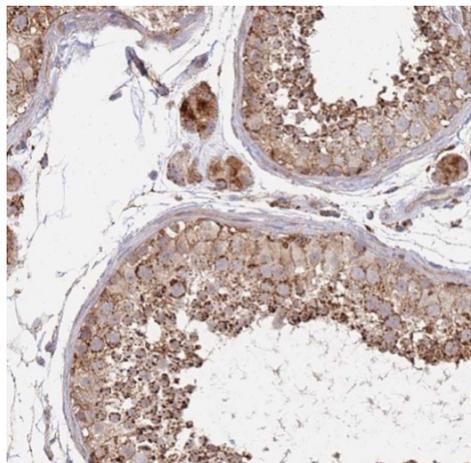
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/20 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 1 - 4 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

## Target

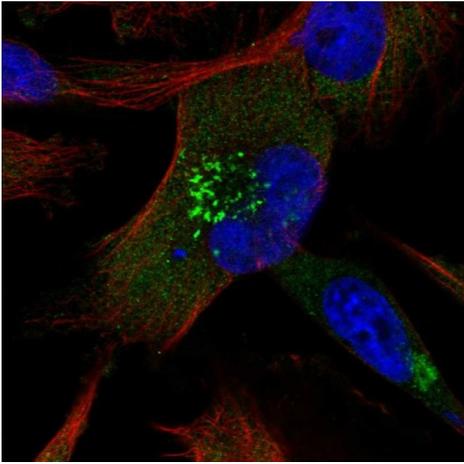
<b>Function</b>	Binds heme and porphyrins and functions in their ATP-dependent uptake into the mitochondria. Plays a crucial role in heme synthesis.
<b>Tissue specificity</b>	Widely expressed. Highest expression in heart and skeletal muscles.
<b>Sequence similarities</b>	Belongs to the ABC transporter 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



Paraffin-embedded human testis tissue stained for ABCB6/PRP using ab224575 at 1/20 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ABCB6/PRP antibody - C-terminal (ab224575)



PFA-fixed, Triton X-100 permeabilized U-251 MG (human brain glioma cell line) cells stained for ABCB6/PRP (green) using ab224575 at 4 µg/ml in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-ABCB6/PRP antibody - C-terminal (ab224575)

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

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