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Datasheet for ABIN652180

## anti-ABCB10 antibody (N-Term)

### 4 Images

#### Overview

Quantity:	400 µL
Target:	ABCB10
Binding Specificity:	AA 1-27, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This ABCB10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-27 amino acids from the N-terminal region of human ABCB10.
Clone:	RB01807
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	ABCB10
Alternative Name:	ABCB10 ( <a href="#">ABCB10 Products</a> )
Background:	The membrane-associated protein ABCB10 is a member of the superfamily of ATP-binding

## Target Details

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cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The function of this mitochondrial protein is unknown.

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Molecular Weight: 79148

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Gene ID: 23456

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NCBI Accession: [NP\\_036221](#)

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UniProt: [Q9NRK6](#)

## Application Details

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Application Notes: WB: 1:1000. WB: 1:1000-1:2000. IHC-P: 1:25. IHC-P: 1:10~50

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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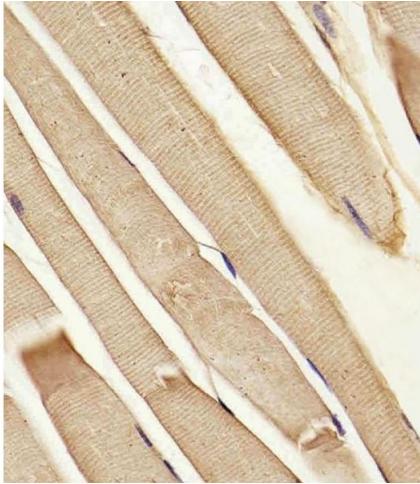
Storage: 4 °C,-20 °C

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Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

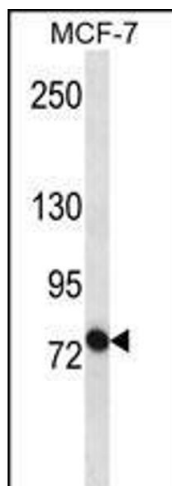
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Expiry Date: 6 months



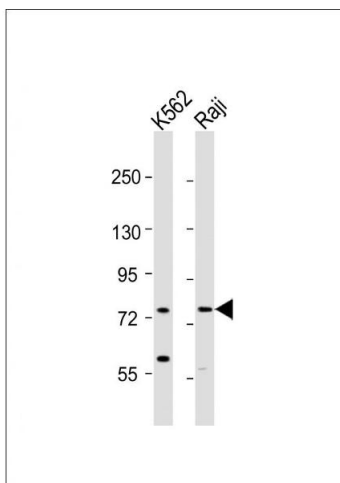
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** (ABIN652180 and ABIN2840585) staining hABCB10 in Human skeletal muscle tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



### Western Blotting

**Image 2.** ABCB10 Antibody (S16) (ABIN652180 and ABIN2840585) western blot analysis in MCF-7 cell line lysates (35 µg/lane). This demonstrates the ABCB10 antibody detected the ABCB10 protein (arrow).



### Western Blotting

**Image 3.** All lanes : Anti-ABCB10 Antibody (S16) at 1:1000-1:2000 dilution Lane 1: K562 whole cell lysates Lane 2: Raji whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 79 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN652180.