

## ARG59370 anti-ABCB10 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes ABCB10
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ABCB10
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 1-27 of Human ABCB10.
Conjugation	Un-conjugated
Alternate Names	ATP-binding cassette transporter 10; ABC transporter 10 protein; EST20237; ATP-binding cassette sub-family B member 10, mitochondrial; M-ABC2; MTABC2; Mitochondrial ATP-binding cassette 2

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:10 - 1:50
	WB	1:1000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MCF7	

### Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.10% (W/V) Sodium azide.
Preservative	0.10% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

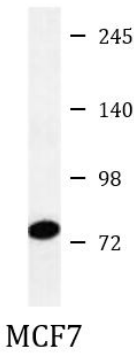
Gene Symbol	ABCB10
Gene Full Name	ATP-binding cassette, sub-family B (MDR/TAP), member 10
Background	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular 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. [provided by RefSeq, Jul 2008]
Function	May mediate critical mitochondrial transport functions related to heme biosynthesis. [UniProt]
Calculated Mw	79 kDa
Cellular Localization	Mitochondrion inner membrane; Multi-pass membrane protein. [UniProt]

Images



ARG59370 anti-ABCB10 antibody IHC-P image

Immunohistochemistry: Paraformaldehyde-fixed and paraffin-embedded Human skeletal muscle tissue. Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at RT. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). Samples were stained with ARG59370 anti-ABCB10 antibody at 1:25, 1 hour at 37°C.



ARG59370 anti-ABCB10 antibody WB image

Western blot: 35 µg of MCF7 cell lysate stained with ARG59370 anti-ABCB10 antibody.