
Product Name: ABCB10 Rabbit Polyclonal Antibody**Catalog #: APRab06403**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
Molecular Weight	79kDa

Antigen Information

Gene Name	ABCB10 ABCB10; ATP-binding cassette sub-family B member 10; mitochondrial; ATP-binding
Alternative Names	cassette transporter 10; ABC transporter 10 protein; Mitochondrial ATP-binding cassette 2; M-ABC2
Gene ID	23456.0
SwissProt ID	Q9NRK6
Immunogen	The antiserum was produced against synthesized peptide derived from human ABCB10. AA range:441-490

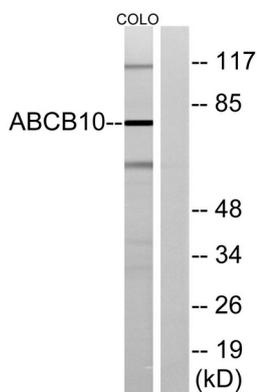
Background

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.,similarity:Belongs to the ABC transporter family.,similarity:Belongs to the ABC transporter family. Mitochondrial peptide exporter (TC 3.A.1.212) subfamily.,similarity:Contains 1 ABC transmembrane type-1 domain.,similarity:Contains 1 ABC transporter domain.,subunit:Homodimer or heterodimer ,tissue specificity:Ubiquitous. Highly expressed in bone marrow, expressed at intermediate to high levels in skeletal muscle, small intestine, thyroid, heart, brain, placenta, liver, pancreas, prostate, testis, ovary, leukocyte, stomach, spinal cord, lymph node, trachea and adrenal gland, and low levels are found in lung, kidney, spleen, thymus and colon.,

Research Area

ABC transporters;

Image Data



Western blot analysis of lysates from COLO cells, using ABCB10 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ABCB10 Polyclonal Antibody