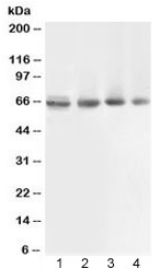
ABCB10 Antibody (R32456)

Catalog No.	Formulation	Size
R32456	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9NRK6
Applications	Western blot: 0.5-1ug/ml
Limitations	This ABCB10 antibody is available for research use only.



Western blot testing of 1) rat muscle, 2) human COLO320, 3) human 22RV1 and 4) human PANC lysate with ABCB10 antibody at 0.5ug/ml. Expected molecular weight: ~79 kDa (full), ~65 kDa (cleaved mitochondrial targeting sequence (amino acids 1-105)).

Description

ABCB10, also known as M-ABC2, is expressed as a 65-kD nonglycosylated mitochondrial membrane protein. This ABCB10 gene is mapped to 1q42.13. 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. And 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.

Application Notes

Optimal dilution of the ABCB10 antibody should be determined by the researcher.

Immunogen

Amino acids 640-678 (QRIAIARALLKNPKILLLDEATSALDAENEYLVQEALDR) from the human protein were used as the immunogen for the ABCB10 antibody.

Storage

Prior to reconstitution, store at 4oC. After reconstitution, the ABCB10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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