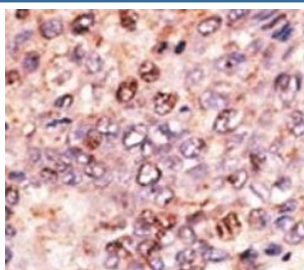


## ABCB7 Antibody (F49439)

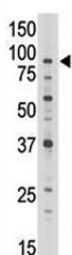
Catalog No.	Formulation	Size
F49439-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49439-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	O75027
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
<b>Limitations</b>	This ABCB7 antibody is available for research use only.



IHC analysis of FFPE human hepatocarcinoma tissue stained with the ABCB7 antibody



ABCB7 antibody western blot analysis of Jurkat cell lysate

## Description

The membrane-associated protein ABCB7 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 as well as antigen presentation. This gene encodes a half-transporter involved in the transport of heme from the mitochondria to the cytosol. With iron/sulfur cluster precursors as its substrates, this protein may play a role in metal homeostasis. Mutations in this gene have been implicated in X-linked sideroblastic anemia with ataxia.

## Application Notes

Titration of the ABCB7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 718-746 from the human protein was used as the immunogen for this ABCB7 antibody.

## Storage

Aliquot the ABCB7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.