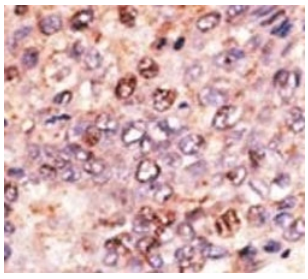
ABCB7 Antibody (F49439)

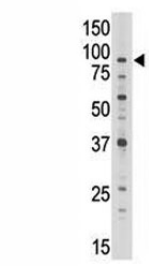
Catalog No.	Formulation	Size
F49439-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49439-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O75027
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	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.

Copyright © NSJ Bioreagents. All rights reserved.