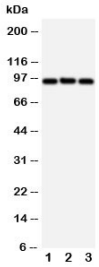
ABCB6 Antibody (R30813)

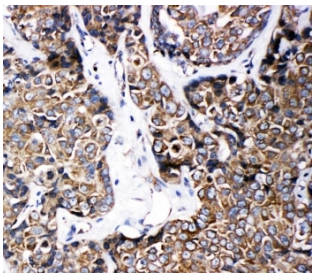
Catalog No.	Formulation	Size
R30813	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
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/thimerosal
UniProt	Q9NP58
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml Immunocytochemistry : 0.5-1ug/ml
Limitations	This ABCB6 antibody is available for research use only.



Western blot testing of ABCB6 antibody and Lane 1: HeLa; 2: MCF-7; 3: A549 cell lysate. Predicted size: 94KD.



IHC-P: ABCB6 antibody testing of human breast cancer tissue

Description

ATP-binding cassette sub-family B member 6, mitochondrialis a protein that in humans is encoded by the ABCB6 gene. 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 as well as antigen presentation. This half-transporter likely plays a role in mitochondrial function. Localized to 2q26, this gene is considered a candidate gene for lethal neonatal metabolic syndrome, a disorder of mitochondrial function.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ABCB6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human ABCB6 (YADMWQLQQGQEETSEDTKPQTMER) was used as the immunogen for this ABCB6 antibody.

Storage

After reconstitution, the ABCB6 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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