

Product Datasheet

ABCB10 Antibody

NB100-94880

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-94880

ABCB10 Antibody

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

Host	Goat
Gene ID	23456
Gene Symbol	ABCB10
Species	Human, Mouse, Rat
Immunogen	Peptide with sequence C-KPNGIYRKLMNKQ corresponding to C-Terminus according to NP_036221.2.
Notes	Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at innovators@novusbio.com for more details.

Product Application Details

Applications	Peptide ELISA
Recommended Dilutions	Peptide ELISA Detection limit 1:64000
Application Notes	WB: Preliminary experiments gave bands at approx. 90 kDa band and 50 kDa band in human bone marrow lysates after 0.05 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 79.1 kDa band according to NP_036221.2 and given the expected mature size of ~65 kDa band according to Graf et al.scientific literature (PMID: 15215243). Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).

Publications

Graf SA, Haigh SE, Corson ED et al. Targeting, import, and dimerization of a mammalian mitochondrial ATP binding cassette (ABC) transporter, ABCB10 (ABC-me). J Biol Chem 2004 Oct [PMID: 15215243]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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