

Rabbit anti-Human, Mouse ABCB7 Polyclonal Antibody | anti-ABCB7 antibody

ABCB7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324488	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

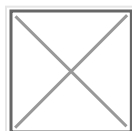
PRODUCT SYNONYMS

ABCB7; Polyclonal Antibody; ABCB7 Antibody; ABC transporter 7 protein; ABC7; Abcb7; ABCB7_HUMAN; ASAT; Atm1p; ATP binding cassette 7; ATP binding cassette sub family B (MDR/TAP) member 7; ATP binding cassette sub family B member 7; ATP binding cassette sub family B member 7 mitochondrial; ATP binding cassette transporter 7; ATP-binding cassette sub-family B member 7; ATP-binding cassette transporter 7; EST140535; MDR7; mitochondrial; Multidrug resistance protein 7; P-glycoprotein 7; PGP7; anti-ABCB7 antibody

PRODUCT SPECIFICATIONS

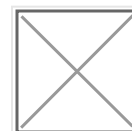
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ABCB7 antibody detects endogenous levels of total ABCB7
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	752
Applicable Applications for anti-ABCB7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ABCB7, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using ABCB7 antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA324488 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA324488 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	411147363
NCBI GeneID	22
NCBI Accession #	NP_001258625.1
NCBI GenBank Nucleotide #	NM_001271696.2
UniProt Accession #	O75027; O75345; Q5VWY7; Q5VWY8; Q9BRE1; Q9UND1; Q9UP01; G3XAC4
Molecular Weight	83 KD
NCBI Official Full Name	ATP-binding cassette sub-family B member 7, mitochondrial isoform 2
NCBI Official Synonym Full Names	ATP binding cassette subfamily B member 7
NCBI Official Symbol	ABCB7
NCBI Official Synonym Symbols	ABC7; ASAT; Atm1p; EST140535
NCBI Protein Information	ATP-binding cassette sub-family B member 7, mitochondrial
UniProt Protein Name	ATP-binding cassette sub-family B member 7, mitochondrial
UniProt Gene Name	ABCB7
UniProt Synonym Gene Names	ABC7; ABC transporter 7 protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/abcb7-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324488>