

Rabbit anti-Human, Rat ABCC3 Polyclonal Antibody | anti-ABCC3 antibody

ABCC3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324547	Rabbit	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ABCC3; Polyclonal Antibody; ABCC3 Antibody; ABC 31; ABC31; ABCC 3; ATP binding cassette sub family C (CFTR/MRP) member 3; ATP binding cassette sub family C member 3; ATP-binding cassette sub-family C member 3; Canalicular multispecific organic anion transporter 2; Canicular multispecific organic anion transporter; CMOAT 2; CMOAT2; EST90757; MLP 2; MLP2; MOAT D; MOAT-D; MOATD; MRP 3; MRP3_HUMAN; Multi specific organic anion transporter D; Multi-specific organic anion transporter D; Multidrug resistance associated protein 3; Multidrug resistance associated protein; Multidrug resistance-associated protein 3; Multispecific organic anion transporter D; anti-ABCC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ABCC3 antibody detects endogenous levels of total ABCC3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	572
Applicable Applications for anti-ABCC3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Mainly expressed in the liver. Also expressed in small intestine, colon, prostate, testis, brain and at a lower level in the kidney.
Predicted Cross Reactivity	Horse
Similarity	Horse (82%)
Conjugation	Unconjugated
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 HeLa cells using ABCC3 antibody.



IF (Immunofluorescence)
AAA324547 staining HeLa 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.



IHC (Immunohistochemistry)
AAA324547 at 1/100 staining Human brain cancer 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.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCC3 antibody	Function: May act as an inducible transporter in the biliary and intestinal excretion of organic anions. Acts as an alternative route for the export of bile acids and glucuronides from cholestatic hepatocytes (By similarity). Similarity: Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	221316556
NCBI GeneID	8714
NCBI Accession #	NP_001137542.1
NCBI GenBank Nucleotide #	NM_001144070.1
UniProt Accession #	O15438; O60265; O60922; O75621; O95078; O95289; O95290; Q86X85; Q9UN52; B2RPA9; D3DTX9
Molecular Weight	Observed: 170 kD Predicted: 170 kDa
NCBI Official Full Name	canalicular multispecific organic anion transporter 2 isoform 2
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 3
NCBI Official Symbol	ABCC3
NCBI Official Synonym Symbols	MLP2; MRP3; ABC31; MOAT-D; cMOAT2; EST90757
NCBI Protein Information	canalicular multispecific organic anion transporter 2
UniProt Protein Name	Canalicular multispecific organic anion transporter 2
UniProt Gene Name	ABCC3
UniProt Synonym Gene Names	CMOAT2; MLP2; MRP3; MOAT-D

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.