

Rabbit anti-Human ABCC13 Polyclonal Antibody | anti-ABCC13 antibody

ABCC13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325013	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

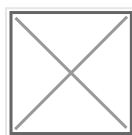
PRODUCT SYNONYMS

ABCC13; Polyclonal Antibody; ABCC13 Antibody; ATP binding cassette protein C13; ATP binding cassette; sub family C (CFTR/MRP); member 13; C21orf73; PRED6; anti-ABCC13 antibody

PRODUCT SPECIFICATIONS

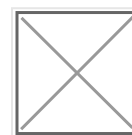
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ABCC13 antibody detects endogenous levels of total ABCC13
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	274
Applicable Applications for anti-ABCC13 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Highest expression in fetal liver and fetal spleen. In the adult, highest levels are found in the colon ascending and transverse. Also expressed in brain, placenta, lung, liver, pancreas and ovary. In bone marrow cells, levels are several fold higher than in peripheral blood leukocytes.
Predicted Cross Reactivity	Pig
Similarity	Pig (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA325013 at 1/100 staining Human lung 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.



WB (Western Blot)

Western blot analysis of extracts from 293 cells using ABCC13 antibody.



IF (Immunofluorescence)

AAA325013 staining 293 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.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCC13 antibody	Function: Contains sequences related to the ABC transporters of subfamily C, but lacks Walker A, Walker B, and signature C motifs, indicating that it is a nonfunctional ABC transporter. Translation of the cDNA in a different reading frame predicts a 93 amino acid peptide with signature C and Walker B motifs, but no Walker A motif. Similarity: Belongs to the binding-protein-dependent transport system permease family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21541961
NCBI GeneID	150000
UniProt Accession #	Q9NSE7
Molecular Weight	Observed: 31 kD Predicted: 31 kDa
NCBI Official Full Name	Putative ATP-binding cassette sub-family C member 13
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 13 (pseudogene)
NCBI Official Symbol	ABCC13
NCBI Official Synonym Symbols	PRED6; ABCC13P; C21orf73
NCBI Protein Information	ATP-binding cassette protein C13

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.