Product Name: ABCC13 Rabbit Polyclonal Antibody
Catalog #: APRab06410

Summary

Production Name	ABCC13 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,WB,
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ABCC13
Alternative Names	ABCC13; C21orf73; PRED6; Putative ATP-binding cassette sub-family C member 13
Gene ID	150000.0
SwissProt ID	Q9NSE7.The antiserum was produced against synthesized peptide derived from human ABCC13. AA range:56-105

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000..
Molecular Weight	31kD

Background

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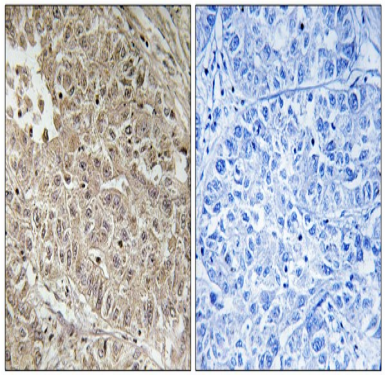
ATP binding cassette subfamily C member 13 (pseudogene)(ABCC13) Homo sapiens This gene is a member of the superfamily of genes encoding ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White). This family member is part of the MRP subfamily, which is involved in multi-drug resistance, but the human locus is now thought to be a pseudogene incapable of encoding a functional ABC protein. Alternative splicing results in multiple transcript variants; however, not all variants have been fully described. [provided by RefSeq, Jul 2008],alternative products:Experimental confirmation may be lacking for some isoforms,caution: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.,induction:Down-regulated by cell differentiation in certain leukemia cells.,similarity:Belongs to the binding-protein-dependent transport system permease family.,similarity:Contains 1 ABC transmembrane type-1 domain.,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.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using ABCC13 Antibody. The picture on the right is blocked with the synthesized peptide.

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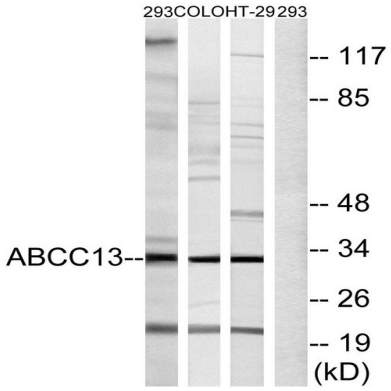
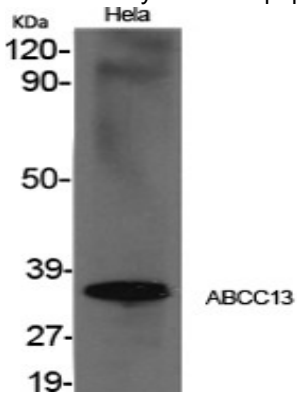
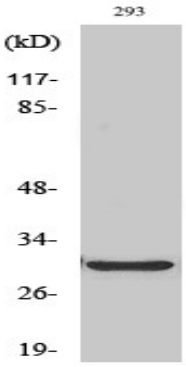


Western blot analysis of lysates from 293, COLO, and HT-29 cells, using ABCC13 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ABCC13 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Western Blot analysis of HT29 cells using ABCC13 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

Note

For research use only.