



ABCC13 Polyclonal Antibody

Catalog No	BYab-00654
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	ABCC13
Protein Name	Putative ATP-binding cassette sub-family C member 13
Immunogen	The antiserum was produced against synthesized peptide derived from human ABCC13. AA range:56-105
Specificity	ABCC13 Polyclonal Antibody detects endogenous levels of ABCC13 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ABCC13; C21orf73; PRED6; Putative ATP-binding cassette sub-family C member 13
Observed Band	31kD
Cell Pathway	integral component of membrane,
Tissue Specificity	Liver,Placenta,
Function	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

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expressed in brain, placenta, lung, liver, pancreas and ovary. In bone marrow cells, levels are several fold higher th

Background

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],

matters needing attention

Avoid repeated freezing and thawing!

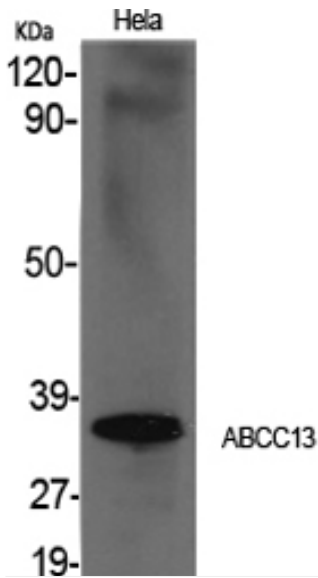
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

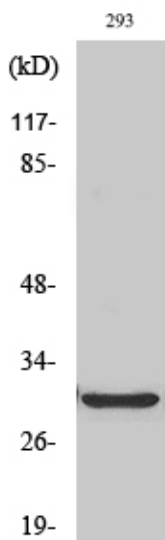
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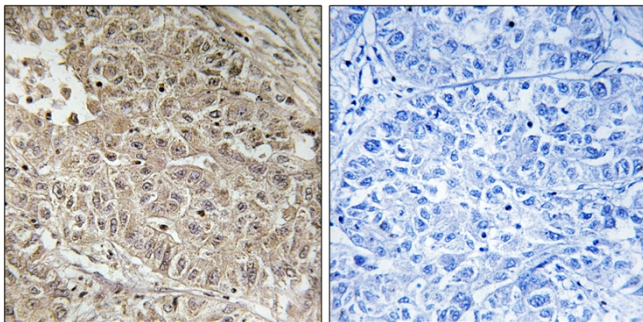
Products Images



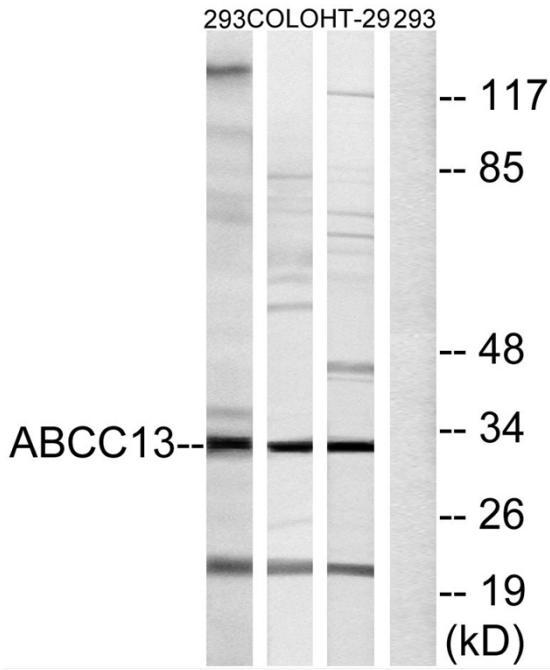
Western Blot analysis of various cells using ABCC13 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



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).



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



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.