

Product datasheet for **TA352000S**

MRP1 (ABCC1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A431 cell IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ABCC1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	172 kDa
Gene Name:	ATP binding cassette subfamily C member 1
Database Link:	NP_063953 Entrez Gene 4363 Human P33527



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Background:

The protein encoded by this gene is a member of the superfamily of 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, White). This full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. This protein functions as a multispecific organic anion transporter, with oxidized glutathione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates.

Synonyms:

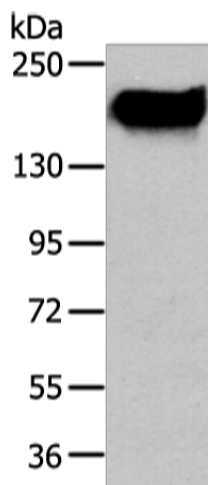
ABC29; ABCC; DKFZp686N04233; DKFZp781G125; GS-X; MRP; MRP1

Protein Families:

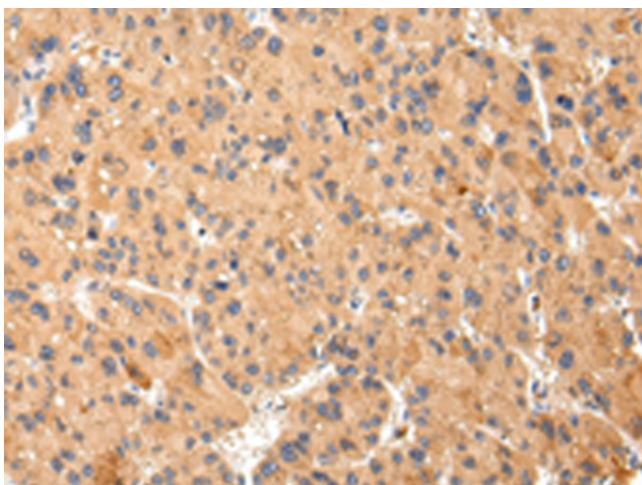
Druggable Genome, Transmembrane

Protein Pathways:

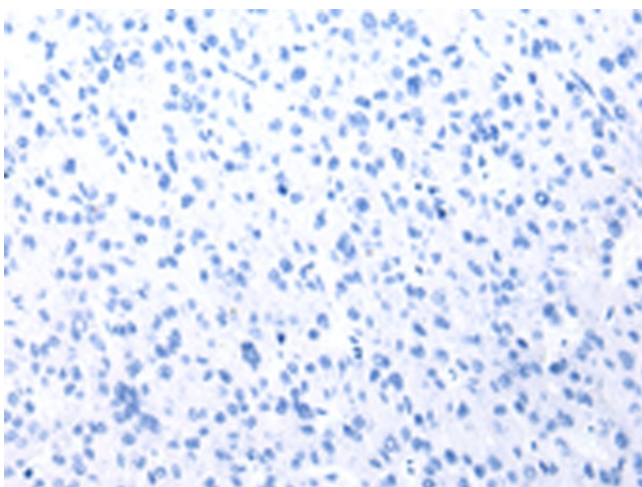
ABC transporters

Product images:

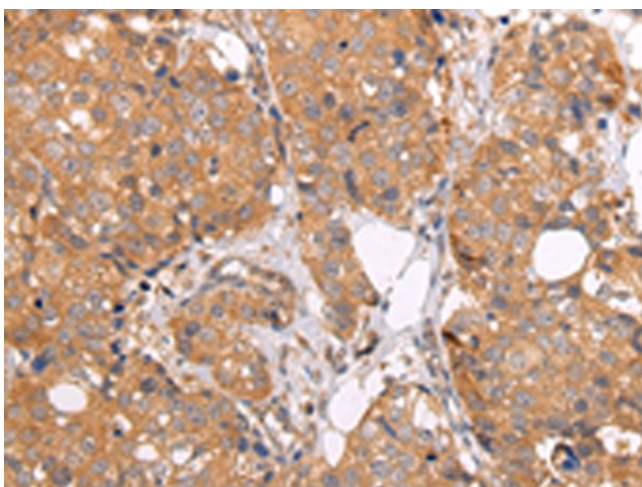
Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: A431 cell
Primary antibody: [TA352000] (ABCC1 Antibody) at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



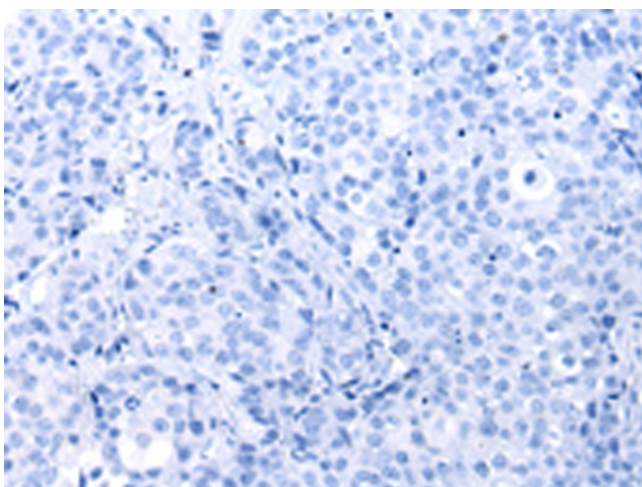
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA352000] (ABCC1 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA352000] (ABCC1 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA352000] (ABCC1 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA352000] (ABCC1 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)