

## ABCC1 Antibody

*ABCC1, ATP-binding cassette, sub-family C (CFTR/MRP), member 1, ABC29, ABCC, DKFZp686N04233, DKFZp781G125, GS-X, MRP, MRP1, ATP-binding cassette, sub-family C, member 1, LTC4 transporter, leukotriene C(4) transporter, multidrug resistance protein, multipl*

**CATALOG NO.:** 46-794

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

ABCC1 Antibody. This antibody is expected to recognize all reported isoforms (NP\_004987.2; NP\_063915.2; NP\_063953.2; NP\_063954.2; NP\_063955.2).

**SOURCE:**

Antibody was raised against a synthetic peptide of ABCC1.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_004987.2, NP\_063915.2, NP\_063953.2, NP\_063954.2, NP\_063955.2

**SPECIES REACTIVITY:**

H, M, R, D, B

**TESTED APPLICATION:**

E, WB

**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:128,000.  
Western Blot: Approx 150kDa band observed in lysates of cell line A549 (calculated MW of 159kDa according to NP\_063954.2). Recommended concentration:0.05-0.2µg/ml.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody, 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of ABCC1 in A549 lysate (35µg protein in RIPA buffer) using ABCC1 antibody (0.05µg/ml).

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Bobrowska-Hägerstrand M, Wróbel A, Rychlik B, Ohman I, Hägerstrand H. Flow cytometric monitoring of multidrug drug resistance protein 1 (MRP1/ABCC1) -mediated transport of 2',7'-bis-(3-carboxypropyl)-5-(and-6)-carboxyfluorescein (BCPCF) into human erythrocyte membrane inside-out vesicles. Mol Membr Biol. 2007 Sep-Dec;24(5-6):485-95.

**USER NOTES:**

When working with antibodies optimal dilutions and concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.