

## ABCC4 Antibody

*ABCC4, MRP4, MOATB, MOAT-B, EST170205, ATP-binding cassette, sub-family C (CFTR/MRP), member 4, canalicular multispecific organic anion transporter (ABC superfamily), Multidrug Resistance Protein 4*

**CATALOG NO.: 45-181**

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

ABCC4 Antibody. This antibody is expected to recognize isoform 1 (NP\_005836.2) only.

**SOURCE:**

ABCC4 antibody was raised against a synthetic peptide of ABCC4.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_005836.2

**SPECIES REACTIVITY:**

Human, Mouse, Rat

**TESTED APPLICATION:**

WB, E, IHC

**APPLICATION:**

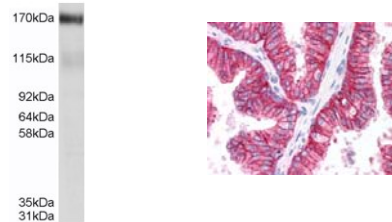
Peptide ELISA: antibody detection limit dilution 1:64,000.  
Western Blot: Approx 170kDa band observed in rat renal cortex membranes (calculated MW of 149kDa according to Rat NP\_596902.1 and 150kDa according to Human NP\_005836.2). Data kindly provided by Dr. Antje Steinbach, Ernst-Moritz-Arndt University of Greifswald, Germany.  
Recommended concentration: 1-3µg/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 in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of ABCC4 in rat renal cortex membranes (20µg total protein per lane) using ABCC4 antibody (0.5µg/ml). ABCC4 staining of paraffin embedded Human Prostate using ABCC4 antibody at 2.5µg/ml.

**STORAGE:**

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

**REFERENCE:**

Schuetz JD, Connelly MC, Sun D, Paibir SG, Flynn PM, Srinivas RV, Kumar A, Fridland A. MRP4: A previously unidentified factor in resistance to nucleoside-based antiviral drugs. Nat Med. 1999 Sep;5(9):1048-51.

**USER NOTES:**

When working with antibodies optimal dilutions/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.