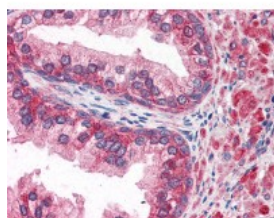




## ABCC4 Antibody

CATALOG NUMBER: 51-096



Immunohistochemistry staining of ABCC4  
in prostate tissue using ABCC4 Antibody.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	IHC, WB
<b>APPLICATIONS:</b>	ABCC4 antibody can be used in ELISA, Western Blot starting at 1:1000 - 1:2000, and immunohistochemistry starting at 5 ug/mL.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>SPECIFICITY:</b>	Recognizes human MRP4. Does not recognize other species.
<b>IMMUNOGEN:</b>	ABCC4 antibody was raised against a peptide near the N-Terminus of ABCC4 (Human).
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Affinity Chromatography
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Borate buffer, protein stabilizer.
<b>STORAGE CONDITIONS:</b>	Store ABC4 antibody at 4 °C or -20 °C. As with all antibodies avoid freeze/thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>ISOTYPE:</b>	IgG
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	ABCC4, EST170205, MOAT-B, Multidrug resistance protein 4, MOATB, MRP4
<b>ACCESSION NO.:</b>	O15439
<b>PROTEIN GI NO.:</b>	206729914
<b>OFFICIAL SYMBOL:</b>	ABCC4
<b>GENE ID:</b>	10257

### Background

<b>BACKGROUND:</b>	Although increased levels of Pgp are likely to contribute to MDR in at least some tumor types, it has become
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evident that alternative, non-Pgp-mediated mechanisms of MDR exist. The multidrug resistance-associated protein (MRP1) has been identified by Cole and Deeley. The amino acid identity between MRP1 and Pgp is only 15%, and the homology to chloride channel CFTR only 19%. Paulusma, et al., cloned the cDNA for rat canalicular multispecific organic anion transporter (cMOAT or MRP2) which turned out to be a novel liver specific homolog of human MRP1. Recently, by screening database of human expressed sequences tags, Kool identified three new homologs of MRP1, called MRP3, MRP4 and MRP5. Suitable for use in Immunohistochemistry and Western Blot. Other applications have not been tested. Recognizes human MRP4. Does not recognize other species.

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**FOR RESEARCH USE ONLY**

December 13, 2016