

Datasheet for ABIN3023193  
**anti-ABCC4 antibody (AA 495-705)**

## 4 Images

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## Overview

Quantity:	100 µL
Target:	ABCC4
Binding Specificity:	AA 495-705
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 495-705 of human MRP4/ABCC4 (NP_001098985.1).
Sequence:	FGKKYEKERY EKVIKACALK KDLQLLEDGD LTVIGDRGTT LSGGQKARVN LARAVYQDAD IYLLDDPLSA VDAEVSRLHF ELCICQILHE KITILVTHQL QYLKAASQIL ILKDGKMOVQK GTYTEFLKSG IDFGSLLKKD NEESEQPPVP GTPTLRNRTF SESSVWSQQS SRPSLKDGAL ESQDTENVPV TLSEENRSEG KVGFAQYKKNY F
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

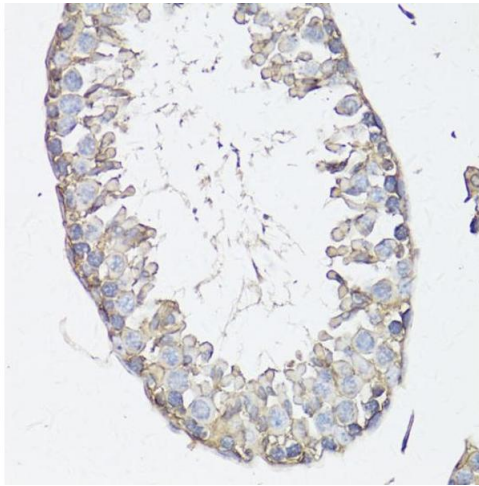
Target:	ABCC4
Alternative Name:	ABCC4 ( <a href="#">ABCC4 Products</a> )
Background:	<p>The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. This family member plays a role in cellular detoxification as a pump for its substrate, organic anions. It may also function in prostaglandin-mediated cAMP signaling in ciliogenesis. Alternative splicing of this gene results in multiple transcript variants.,ABCC4,MOAT-B,MOATB,MRP4,Cancer,Drug resistance,MRP-related proteins,Signal Transduction,Endocrine &amp; Metabolism,Stem Cells,ABCC4</p>
Molecular Weight:	88 kDa/96 kDa/144 kDa/149 kDa
Gene ID:	10257
UniProt:	<a href="#">O15439</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

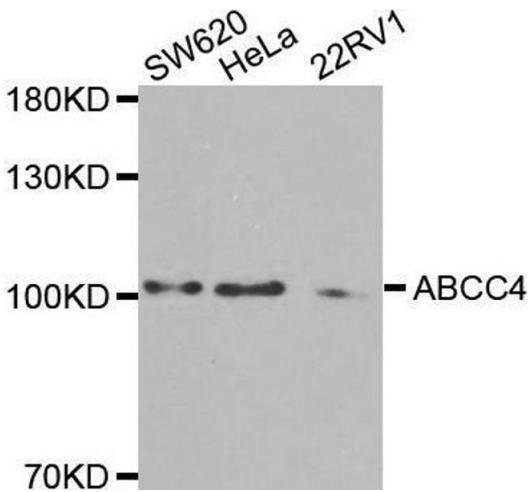
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



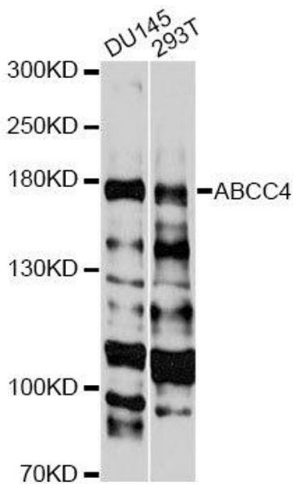
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded mouse testis using MRP4/ antibody (ABIN3023192, ABIN3023193, ABIN3023194 and ABIN6219432) at dilution of 1:150 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using ABCC4 antibody.



### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using ABCC4 antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3023193.