

**ABCC12 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13196C****Specification**

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**ABCC12 Antibody (Center) - Product Information**

Application	<b>WB, IHC-P,E</b>
Primary Accession	<a href="#">O96J65</a>
Other Accession	<a href="#">NP_150229.2</a>
Reactivity	<b>Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>152297</b>
Antigen Region	<b>723-752</b>

**ABCC12 Antibody (Center) - Additional Information****Gene ID** 94160**Other Names**

Multidrug resistance-associated protein 9, ATP-binding cassette sub-family C member 12, ABCC12, MRP9

**Target/Specificity**

This ABCC12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 723-752 amino acids from the Central region of human ABCC12.

**Dilution**WB~~1:2000  
IHC-P~~1:10~50**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ABCC12 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**ABCC12 Antibody (Center) - Protein Information****Name** ABCC12

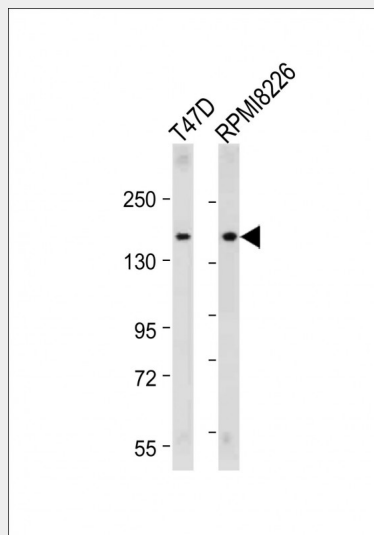
**Synonyms** MRP9**Function** Probable transporter, its substrate specificity is unknown.**Cellular Location**Endoplasmic reticulum membrane; Multi-pass membrane protein  
{ECO:0000255|PROSITE-ProRule:PRU00441}**Tissue Location**

Expressed in testis (at protein level). Widely expressed at low level (PubMed:11483364, PubMed:11688999, PubMed:12011458, PubMed:17472575). Isoform 5 is specifically expressed in brain, testis and breast cancer cells (PubMed:11483364, PubMed:11688999, PubMed:12011458).

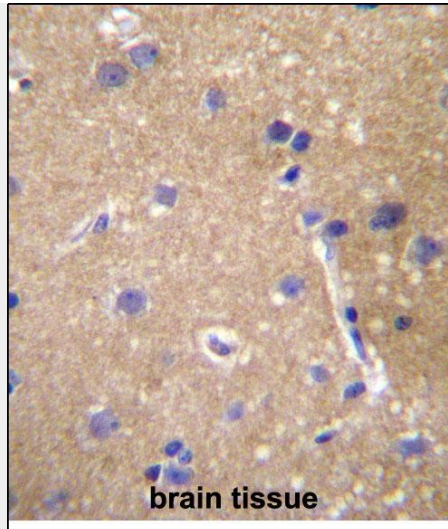
**ABCC12 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ABCC12 Antibody (Center) - Images**

All lanes : Anti-ABCC12 Antibody (Center) at 1:2000 dilution Lane 1: T47D whole cell lysate Lane 2: RPMI8226 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 152 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



ABCC12 Antibody (Center) (Cat. #AP13196c) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ABCC12 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **ABCC12 Antibody (Center) - Background**

This gene is a member of the superfamily of ATP-binding cassette (ABC) transporters and the encoded protein contains two ATP-binding domains and 12 transmembrane regions. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies: ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White. This gene is a member of the MRP subfamily which is involved in multi-drug resistance. This gene and another subfamily member are arranged head-to-tail on chromosome 16q12.1. Increased expression of this gene is associated with breast cancer.

#### **ABCC12 Antibody (Center) - References**

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Bera, T.K., et al. Proc. Natl. Acad. Sci. U.S.A. 99(10):6997-7002(2002)  
Yabuuchi, H., et al. Biochem. Biophys. Res. Commun. 288(4):933-939(2001)  
Tammur, J., et al. Gene 273(1):89-96(2001)