

## ABCC11 polyclonal antibody

Catalog: BS60113

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

ATP-binding cassette (ABC) transporters belong to an evolutionarily conserved family of proteins that catalyze the transport of molecules across extra- and intracellular membranes through the energy of ATP hydrolysis. ABC genes comprise seven subfamilies, designated ABC1, MDR/TAP, MRP, ALD, OABP, GCN20 and White. The complete human ABCC subfamily has 12 identified members (ABCC1-12), nine from the multidrug resistance-like subgroup, two from the sulfonyleurea receptor subgroup, and the CFTR gene. The human ABCC11 gene maps to chromosome 16q12.1 and encodes a 1,382 amino acid protein. The human ABCC12 gene maps to chromosome 16q12.1 and encodes a 1,359 amino acid protein. Transcripts of ABCC11 and ABCC12 genes are present in various adult human tissues, including liver, lung and kidney, and also in several fetal tissues. Their chromosomal localization, potential function and expression patterns identify them as candidates for paroxysmal kinesigenic choreoathetosis, a disorder characterized by attacks of involuntary movements and postures, chorea and dystonia. Other inherited disorders where ABC transporters are implicated include cystic fibrosis, neurological disease, retinal degeneration, cholesterol and bile transport defects, anemia and drug response.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 125 kDa

### Swiss-Prot:

Q96J66

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

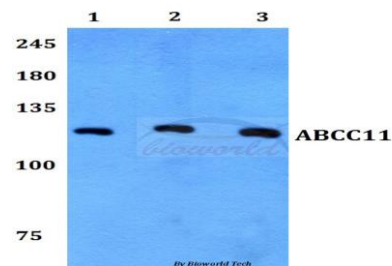
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

ABCC11 polyclonal antibody detects endogenous levels of ABCC11 protein.

### DATA:

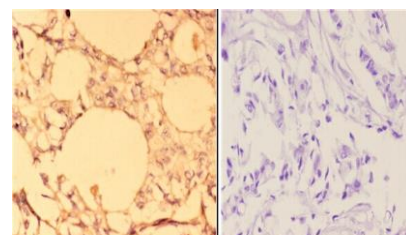


Western blot (WB) analysis of ABCC11 polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate



BS60113  
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Immunohistochemistry (IHC) analyzes of ABCC11 pAb in paraffin-embedded human breast carcinoma tissue at 1:50, showing cytoplasmic and nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

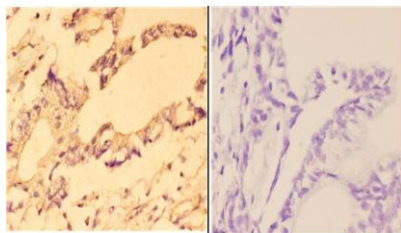
Tel: 0086-025-68037686

Fax: 0086-025-68035151



## PRODUCT DATA SHEET

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BS60113  
Lot CN21141

Immunohistochemistry (IHC) analyzes of ABCC11 pAb in paraffin-embedded human colon carcinoma tissue at 1:50, showing cytoplasmic and nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

### Note:

For research use only, not for use in diagnostic procedure.

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Add: 1660 South Highway 100, Suite 500 St. Louis Park,  
MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046,  
P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151