

MaxPab®

ABCC4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010257-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ABCC4 protein.
Immunogen	ABCC4 (AAH41560.1, 1 a.a. ~ 859 a.a) full-length human protein.
Sequence	MLPVYQEVKPNPLQDANLCSRFFWWLNPLFKIGHKRRLEEDDMYSVLPEDRSQHLGEELQGF WDKEVLRAENDAQKPSLTRAIIKCYWKSYLELGIFTLIEESAKVIQPIFLGKIINYFENYDPMDSVALN TAYAYATVLTFTLILAILHHLYFYHVQCAGMRLRVAMCHMYRKALRLSNMAMGKTTTGQVNLNLSN DVNKFDQVTVFLHFLWAGPLQAIQAVTALLWMEIGISCLAGMAVLILLPLQSCFGKLFSSLRSKTAT FTDARIRTMNEVITGIRIIKMYAWEKSFSNLITNLRKKEISKILRSSCLRGMNLSAFFSASKIIVFTFTTY VLLGSVITASRVFVAVTLYGAVRLTVTLFFPSAIERVSEAVSIRRIQTFLLLDEISQRNRQLPSDGKK MVHVQDFTAFWDKASETPTLQGLSFTVRPGELLAVVGPVGAGKSSLLSAVLGELAPSHGLVSVH GRIAYVSQQPWVFSGLTSLNIFGKKYEKERYEKVIKACALKKDLQLLEDGDLTVIGDRGTTLSGG QKARVNLARAVYQDADIMLLDDPLSAVDAEVSRLHFELCICQILHEKITLVTHQLQYLKAASQILIK DGKMOVQKGYTEFLKSGIDFGSLLKKDNEESEQPPVPGTPTLRNRTFSESSVWSQQSSRPSLKD GALESQDTENVPVTLSEENRSEGKVGFGAYKNYFRAGAHWVFIILLNTAAQVAYVLQDWWLSY WANKQSMLNVTNNGGNVTEKLDLNWYLGYSGLTVATVLFGIARSLLVFYVLVNSSQTLHNKMF SILKAPVLFDRNPIGRILNRFSDIGHLDDLLPLTFLDFIQRWDLAVLSWLVSNS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — ABCC4

Entrez GeneID [10257](#)

GeneBank Accession# [BC041560.1](#)

Protein Accession# [AAH41560.1](#)

Gene Name ABCC4

Gene Alias EST170205, MOAT-B, MOATB, MRP4

Gene Description ATP-binding cassette, sub-family C (CFTR/MRP), member 4

Omim ID [605250](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. The specific function of this protein has not yet been determined; however, this protein may play a role in cellular detoxification as a pump for its substrate, organic anions. Alternative splicing results in multiple splice variants encoding different isoforms. [provided by RefSeq]

Other Designations ATP-binding cassette, sub-family C, member 4|OTTHUMP00000018560|bA464I2.1 (ATP-binding cassette, sub-family C (CFTR/MRP), member 4)|canalicular multispecific organic anion transporter (ABC superfamily)|multidrug resistance-associated protein 4|multispecific

Pathway

- [ABC transporters](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Fanconi Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)