

Abcc4 (mouse) Antibody (N-Term, near)
Peptide-affinity purified goat antibody
Catalog # AF3474a**Specification**

Abcc4 (mouse) Antibody (N-Term, near) - Product Information

Application	E
Primary Accession	E9Q236
Other Accession	NP_001028508.2 , NP_001157147.1 , NP_001157148.1 , 239273 (mouse) , 170924 (rat)
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	148888

Abcc4 (mouse) Antibody (N-Term, near) - Additional Information**Gene ID** 239273**Other Names**Abcc4; ATP-binding cassette, sub-family C (CFTR/MRP), member 4; MOAT-B; MOATB; MRP4;
D630049P08Rik**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Abcc4 (mouse) Antibody (N-Term, near) is for research use only and not for use in diagnostic or therapeutic procedures.

Abcc4 (mouse) Antibody (N-Term, near) - Protein Information**Name** Abcc4 {ECO:0000312|MGI:MGI:2443111}**Function**

ATP-dependent transporter of the ATP-binding cassette (ABC) family that actively extrudes physiological compounds and xenobiotics from cells. Transports a range of endogenous molecules that have a key role in cellular communication and signaling, including cyclic nucleotides such as cyclic AMP (cAMP) and cyclic GMP (cGMP), bile acids, steroid conjugates, urate, and prostaglandins. Mediates also the ATP-dependent efflux of glutathione conjugates such as leukotriene C4 (LTC4) and leukotriene B4 (LTB4). The presence of GSH is necessary for the

ATP-dependent transport of LTB₄, whereas GSH is not required for the transport of LTC₄. Mediates the cotransport of bile acids with reduced glutathione (GSH). Transports a wide range of drugs and their metabolites, including anticancer, antiviral and antibiotics molecules (Probable). Confers resistance to anticancer agents (Probable).

Cellular Location

Basolateral cell membrane; Multi-pass membrane protein. Apical cell membrane; Multi-pass membrane protein. Note=Its localization to the basolateral or apical membranes is tissue-dependent.

Abcc4 (mouse) Antibody (N-Term, near) - 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](#)

Abcc4 (mouse) Antibody (N-Term, near) - Images**Abcc4 (mouse) Antibody (N-Term, near) - Background**

This antibody is expected to recognize all reported isoforms (NP_001028508.2; NP_001157147.1; NP_001157148.1).

Abcc4 (mouse) Antibody (N-Term, near) - References

Aryl hydrocarbon receptor and NF-E2-related factor 2 are key regulators of human MRP4 expression. Xu S, Weerachayaphorn J, Cai SY, Soroka CJ, Boyer JL, American journal of physiology. Gastrointestinal and liver physiology 2010 Jul 299 (1): G126-35. PMID: 20395535