

ARG63672 anti-ABCC4 / MRP4 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ABCC4 / MRP4
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	IHC-P
Specificity	This antibody is expected to recognize isoform 1 (NP_005836.2) only.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ABCC4 / MRP4
Species	Human
Immunogen	CNGQPSTLTIFETAL
Conjugation	Un-conjugated
Alternate Names	ATP-binding cassette sub-family C member 4; MRP/cMOAT-related ABC transporter; MOAT-B; MOATB; Multidrug resistance-associated protein 4; Multi-specific organic anion transporter B; MRP4

Application Instructions

Application table	Application	Dilution
	IHC-P	4 - 6 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 10257 Human](#)

[Swiss-port # O15439 Human](#)

Background

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, Jul 2008]

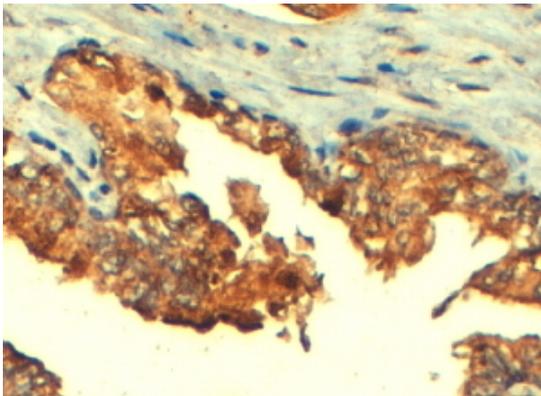
Research Area

Cancer antibody; Metabolism antibody; Signaling Transduction antibody

Calculated Mw

150 kDa

Images



ARG63672 anti-ABCC4 / MRP4 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Prostate. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63672 anti-ABCC4 / MRP4 antibody at 4 µg/ml dilution followed by HRP-staining.