

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB10745 - Goat Anti-ABCC4 (aa70-82) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ABCC4, ATP-binding cassette, sub-family C (CFTR/MRP), member 4, EST170205, MOAT-B, MOATB, MRP4, ATP-binding cassette sub-family C member 4, MRP/cMOAT-related ABC transporter, bA464I2.1 (ATP-binding cassette, sub-family C

(CFTR/MRP), member 4) Official Symbol: ABCC4

Accession Number(s): NP_005836.2; NP_001098985.1

Human GeneID(s): 10257

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_005836.2; NP_001098985.1).

Immunogen

Peptide with sequence RAENDAQKPSLTR-C, from the N Terminus (near) of the protein sequence according to NP_005836.2; NP_001098985.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 100kDa band observed in Human Lung and Human Prostate lysates (calculated MW of 96.8kDa according to NP_001098985.1). Recommended

concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Specific Reference

This antibody has been successfully used in Western blot on Rat:

Khamphaya T, Chansela P, Piyachaturawat P, Suksamrarn A, Nathanson MH, Weerachayaphorn J.

Effects of andrographolide on intrahepatic cholestasis induced by alpha-naphthylisothiocyanate in ra Eur J Pharmacol. 2016 Oct 15;789:254-64.

PMID: 27475677

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa
EB10745 (0.3μg/ml) staining of Human Prostate lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.