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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.

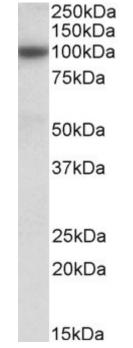
**Western blot:** Approx 100kDa band observed in Human Lung and Human Prostate lysates (calculated MW of 96.8kDa according to NP\_001098985.1). Recommended concentration: 0.3-1µg/ml.

# **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



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