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Research Use Only. Not for diagnostic or therapeutic use.

EB12498 - Goat Anti-ABCG2 / BCRP (Restricted sale due to demands of patent holder) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ABCG2, ATP-binding cassette, sub-family G (WHITE), member 2, ABC15, ABCP, BCRP, BCRP1, BMDP, CD338, CDw338, EST157481, GOUT1, MRX, MXR, MXR1, UAQTL1, ABC transporter, ATP-binding cassette sub-family G member 2,

ATP-binding cassette transporter G2, breast

Official Symbol: ABCG2

Accession Number(s): NP_004818.2; NP_001244315.1

Human GenelD(s): 9429

Important Comments: On restricted sale due to demands of patent holder. Not for sale in USA, if you are outside USA then please contact sales@everestbiotech.com to see if we can sell into your territory. This antibody is expected to recognize both reported isoforms (NP_004818.2; NP_001244315.1).

Immunogen

Peptide with sequence C-EPSKQDKPLIEK, from the internal region of the protein sequence according to NP_004818.2; NP_001244315.1.

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 1:1000.

Western blot: Approx 70kDa band observed in lysates of cell line CACO-2 (calculated MW of 72.3kDa according to NP_004818.2). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

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

EB12498 (0.1 μ g/ml) staining of CACO-2 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.