

## Goat anti-ABCG2 / BCRP (Restricted sale due to demands of patent)

<b>Item Number</b>	dAP-3126
<b>Target Molecule</b>	Principle Name: ABCG2 / BCRP (Restricted sale due to demands of patent holder); Official Symbol: ABCG2; All Names and Symbols: 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 ; Accession Number (s): NP_004818.2; NP_001244315.1; Human Gene ID(s): 9429; Non-
<b>Immunogen</b>	EPSKQDKPLIEK, is from internal region 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
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Singh RR, Kunkalla K, Qu C, Schlette E, Neelapu SS, Samaniego F, Vega F. ABCG2 is a direct transcriptional target of hedgehog signaling and involved in stroma-induced drug tolerance in diffuse large B-cell lymphoma. Oncogene 2011 Dec 30 (49): 4874-86..PMID: 21625222->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**