International Office

Everest Biotech Ltd
Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:
customerservice@vectorlabs.com
Technical Service:
technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

EB08611 - Goat Anti-ABCA12 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: ABCA12, ATP-binding cassette, sub-family A (ABC1), member 12, DKFZp434G232, FLJ41584, ICR2B, LI2, ATP-binding cassette, sub-family A, member 12
Official Symbol: ABCA12
Accession Number(s): NP_775099.2; NP_056472.2
Human GeneID(s): 26154
Important Comments: This antibody is expected to recognize both reported isoforms (NP_775099.2; NP_056472.2).

Immunogen

Peptide with sequence C-KDQKSYETADTSSQ, from the internal regon (near C terminus) of the protein sequence according to NP_775099.2; NP_056472.2.

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: Preliminary experiments gave an approx 35kDa band in Human Placenta, Skin and Testis lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 193kDa according to NP_775099.2 and of 257kDa according to NP_056472.2. The 35kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:
Expected from sequence similarity: Human, Dog