

## Goat anti-ABCA12 Antibody

Item Number	dAP-1454
Target Molecule	Principle Name: ABCA12; Official Symbol: ABCA12; All Names and Symbols: ABCA12; ATP-binding cassette, sub-family A (ABC1), member 12; DKFZp434G232; FLJ41584; ICR2B; LI2; ATP-binding cassette, sub-family A, member 12; Accession Number (s): NP_775099.2; NP_056472.2; Human Gene ID(s): 26154; Non-Human GeneID(s):
Immunogen	KDQKSYETADTSSQ, is from internal region (near C terminus) This antibody is expected to recognize both reported isoforms (NP_775099.2; NP_056472.2).
Applications	Pep ELISA  Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	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 calcul
IHC	
Reference	Reference(s): Sakai K, Akiyama M, Sugiyama-Nakagiri Y, McMillan JR, Sawamura D, Shimizu H Localization of ABCA12 from Golgi apparatus to lamellar granules in human upper epidermal keratinocytes Exp Dermatol. 2007 Nov;16(11):920-6. PMID: 17927575->

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 end users! This product is sold for **Research Use Only**