

ABCA12 polyclonal antibody

Catalog # PAB11472 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ABCA12.
Immunogen	A synthetic peptide corresponding to human ABCA12.
Sequence	C-KDQKSYETADTSSQ
Host	Goat
Theoretical MW (kDa)	293, 257
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ABCA12

Entrez GeneID [26154](#)

Protein Accession# [NP_775099.2;NP_056472.2](#)

Gene Name ABCA12

Gene Alias DKFZp434G232, FLJ41584, ICR2B, L12

Gene Description ATP-binding cassette, sub-family A (ABC1), member 12

Omim ID [242500 601277 607800](#)

Gene Ontology [Hyperlink](#)

Gene Summary The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TA P, MRP, ALD, OABP, GCN20, and White). This encoded protein is a member of the ABC1 subfamily, which is the only major ABC subfamily found exclusively in multicellular eukaryotes. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq]

Other Designations ATP-binding cassette, sub-family A, member 12; ichthyosis congenita II, lamellar ichthyosis B

Publication Reference

- [Localization of ABCA12 from Golgi apparatus to lamellar granules in human upper epidermal keratinocytes.](#)

Sakai K, Akiyama M, Sugiyama-Nakagiri Y, McMillan JR, Sawamura D, Shimizu H.

Experimental Dermatology 2007 Nov; 16(11):920.

Application: IEM, IF, IHC-Fr, Human, Human skin biopsies

Pathway

- [ABC transporters](#)

Disease

- [Alzheimer disease](#)

- [Tobacco Use Disorder](#)