

Anti-Human SPINK5 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04737

3th Edition

Description: This gene encodes a multidomain serine protease inhibitor that contains 15 potential inhibitory domains. The encoded preproprotein is proteolytically processed to generate multiple protein products, which may exhibit unique activities and specificities. These proteins may play a role in skin and hair morphogenesis, as well as anti-inflammatory and antimicrobial protection of mucous epithelia. Mutations in this gene may result in Netherton syndrome, a disorder characterized by ichthyosis, defective cornification, and atopy. This gene is present in a gene cluster on chromosome 5. Alternative splicing results in multiple transcript variants. SPINK5 (Serine Peptidase Inhibitor, Kazal Type 5) is a Protein Coding gene. Diseases associated with SPINK5 include Netherton Syndrome and Atopy. Among its related pathways are Keratinization and Cell adhesion_Plasmin signaling. GO annotations related to this gene include serine-type endopeptidase inhibitor activity and peptidase inhibitor activity.

Antigen: Synthesized peptide derived from the Internal region of human LEKTI

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Highly expressed in the thymus and stratum corneum. Also found in the oral mucosa, parathyroid gland, Bartholin's glands, tonsils, and vaginal epithelium. Very low levels are detected in lung, kidney, and prostate.