

# SPINK5 polyclonal antibody

Catalog # PAB20549      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human esophagus with SPINK5 polyclonal antibody (Cat # PAB20549) shows strong cytoplasmic positivity in squamous epithelial cells (above basal layer) at 1:200-1:500 dilution.

## Specification

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against recombinant SPINK5.                                                 |
| Immunogen           | Recombinant protein corresponding to amino acids of human SPINK5.                                             |
| Sequence            | QQEERARAKAKREAAKEICSEFRDQVRNGTLICTREHNPVRGPDGKMHGKNCAMCASVFKLEE<br>EEKKNDKEEKKGKVEAEKVKREAVQELCSEYRHYVRNGRLPC |
| Host                | Rabbit                                                                                                        |
| Reactivity          | Human                                                                                                         |
| Form                | Liquid                                                                                                        |
| Purification        | Antigen affinity purification                                                                                 |
| Isotype             | IgG                                                                                                           |
| Recommend Usage     | Immunohistochemistry (1:200-1:500)<br>The optimal working dilution should be determined by the end user.      |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)                                                             |

**Storage Instruction**

Store at 4°C. For long term storage 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.

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## Gene Info — SPINK5

**Entrez GeneID** [11005](#)

**Protein Accession#** [Q9NQ38](#)

**Gene Name** SPINK5

**Gene Alias** DKFZp686K19184, FLJ21544, FLJ97536, FLJ97596, FLJ99794, LEKTI, LETKI, NETS, NS, VAKTI

**Gene Description** serine peptidase inhibitor, Kazal type 5

**Omim ID** [147050](#) [256500](#) [605010](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a multidomain serine protease inhibitor that contains 15 potential inhibitory domains. The inhibitor may play a role in skin and hair morphogenesis and anti-inflammatory and/or antimicrobial protection of mucous epithelia. Mutations may result in Netherton syndrome, a disorder characterized by ichthyosis, defective cornification, and atopy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** lymphoepithelial Kazal-type-related inhibitor|serine protease inhibitor, Kazal type 5

## Disease

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- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)

- [Celiac Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Eczema](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Immune System Diseases](#)
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- [Prenatal Exposure Delayed Effects](#)
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- [Respiratory Sounds](#)
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- [Skin Diseases](#)