Product Name: LEKTI Rabbit Polyclonal Antibody
Catalog #: APRab13280

Summary

Production Name	LEKTI Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SPINK5
Alternative Names	SPINK5; Serine protease inhibitor Kazal-type 5; Lympho-epithelial Kazal-type-related inhibitor; LEKTI
Gene ID	11005.0
SwissProt ID	Q9NQ38.The antiserum was produced against synthesized peptide derived from human SPINK5. AA range:494-543

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:20000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	120kDa

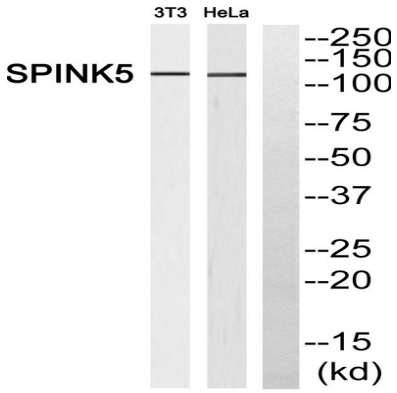
Product Name: LEKTI Rabbit Polyclonal Antibody
Catalog #: APRab13280

Background

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. [provided by RefSeq, Oct 2015],disease:Defects in SPINK5 are the cause of Netherton syndrome (NETH) [MIM:256500]. NETH is an autosomal recessive congenital ichthyosis associated with hair shaft abnormalities and anomalies of the immune system. Typical features are ichthyosis linearis circumflexa, ichthyosiform erythroderma, trichorrhexis invaginata (bamboo hair), atopic dermatitis, and hayfever. High postnatal mortality is due to failure to thrive, infections and hypernatremic dehydration.,domain:Contains at least one active inhibitory domain for trypsin (domain 6).,function:Serine protease inhibitor, probably important for the anti-inflammatory and/or antimicrobial protection of mucous epithelia.,online information:SPINK5 mutation db,similarity:Contains 15 Kazal-like domains.,tissue specificity:Highly expressed in the thymus. 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.,

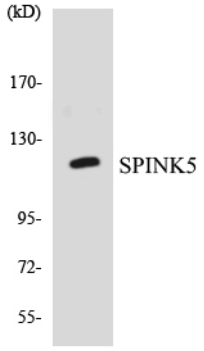
Research Area

Image Data

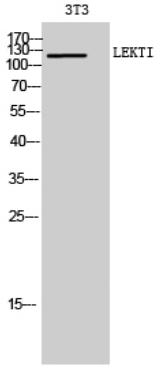


Western blot analysis of SPINK5 Antibody. The lane on the right is blocked with the SPINK5 peptide.

Product Name: LEKTI Rabbit Polyclonal Antibody
Catalog #: APRab13280



Western blot analysis of the lysates from COLO205 cells using SPINK5 antibody.



Western Blot analysis of 3T3 cells using LEKTI Polyclonal Antibody

Note

For research use only.