

产品名称: LEKTI Rabbit Polyclonal Antibody
产品货号: APRab13280



产品概述 (Summary)

产品名称 (Production Name)	LEKTI Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

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

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	120kDa

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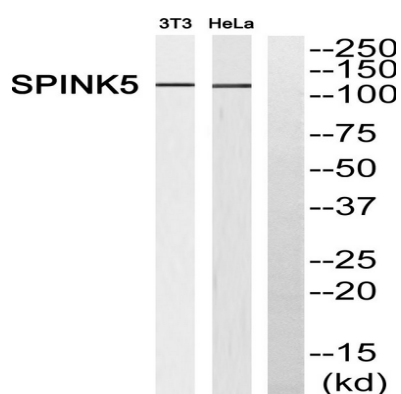
研究背景 (Background)

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.,

研究领域 (Research Area)

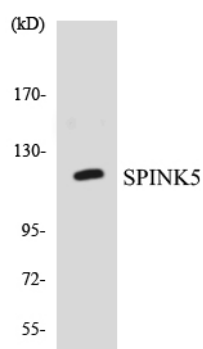
Cell Biology

图片 (Image Data)

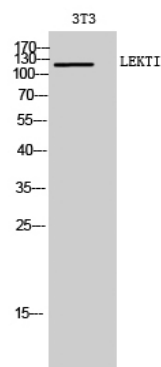


Western blot analysis of SPINK5 Antibody. The lane on the right is blocked with the SPINK5 peptide.

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



Western Blot analysis of 3T3 cells using LEKTI Polyclonal Antibody

注意事项 (Note)

For research use only .