

Rabbit anti-Human SPINK4 Polyclonal Antibody | anti-SPINK4 antibody

Anti-SPINK4 Antibody, Rabbit Polyclonal

CATALOG # AAA255457	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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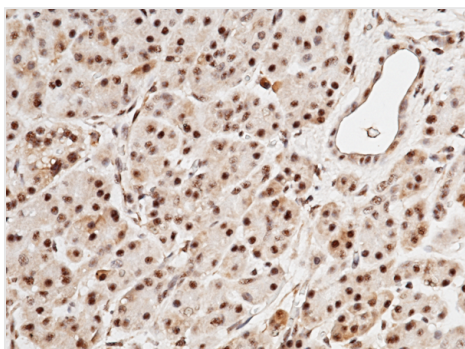
PRODUCT SYNONYMS

SPINK4; Polyclonal Antibody; Anti-SPINK4 Antibody; Rabbit Polyclonal; SPINK4 Antibody; Rabbit PAb; Antigen Affinity Purified; serine peptidase inhibitor; Kazal type 4; Anti-HEL136 Antibody; Anti-MGC133107 Antibody; Anti-PEC-60 Antibody; Anti-PEC60 Antibody; anti-SPINK4 antibody

PRODUCT SPECIFICATIONS

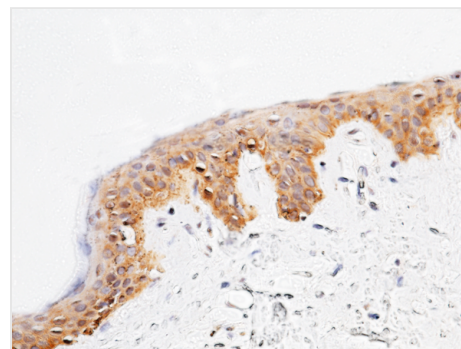
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SPINK4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SPINK4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human SPINK4 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human SPINK4 (rh SPINK4). SPINK4 specific IgG was purified by human SPINK4 affinity chromatography .
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human SPINK4 in human pancreas with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human SPINK4 in human skin with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-SPINK4 antibody	Serine protease inhibitor Kazal-type 4, also known as Peptide PEC-6 homolog and SPINK4, is a secreted protein that contains one Kazal-like domain. SPINK4 is a member of the SPINK protein family. The gene family of serine protease inhibitors of the Kazal type (SPINK) are functional and positional candidate genes for celiac disease (CD). SPINK1 plays an important role in protecting the pancreas against excessive trypsinogen activation. It is a potent natural inhibitor of pancreatic trypsin activity. SPINK1 mutations are associated with the development of acute and chronic pancreatitis and have been detected in all forms of chronic pancreatitis. SPINK2 functions as a trypsin/acrosin inhibitor and is synthesized mainly in the testis and seminal vesicle where its activity is engaged infertility. The SPINK2 protein contains a typical Kazal domain composed by six cysteine residues forming three disulfide bridges. SPINK9 was identified in human skin. Its expression was strong in palmar epidermis, but not detectable or very low in non palmoplantar skin.
References	Schneider, A. et al., 2004, Gastroenterol Clin North Am. 33 (4): 789-806. Wapenaar, MC. et al., 2007, Immunogenetics. 59 (5): 349-57. Brattsand, M. et al., 2009, J Invest Dermatol. 129 (7): 1656-65. Chen, T. et al., 2009, Proteins. 77 (1): 209-19. Noah, TK. et al., 2010, Exp Cell Res. 316 (3): 452-65.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657453
NCBI GeneID	27290
NCBI Accession #	NP_055286.1
NCBI GenBank Nucleotide #	NM_014471.1
UniProt Accession #	O60575; Q2YDT7
Molecular Weight	9,454 Da
NCBI Official Full Name	serine protease inhibitor Kazal-type 4
NCBI Official Synonym Full Names	serine peptidase inhibitor, Kazal type 4
NCBI Official Symbol	SPINK4
NCBI Official Synonym Symbols	PEC60; HEL136; PEC-60
NCBI Protein Information	serine protease inhibitor Kazal-type 4; peptide PEC-60 homolog; gastrointestinal peptide; epididymis luminal protein 136; serine protease inhibitor, Kazal type 4
UniProt Protein Name	Serine protease inhibitor Kazal-type 4
UniProt Gene Name	SPINK4
UniProt Entry Name	ISK4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.