

SPINK2 Rabbit pAb

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Catalog # AP56786

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P20155
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9291
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SPINK2
Epitope Specificity	21-84/84
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the family of serine protease inhibitors of the Kazal type (SPINK). The encoded protein acts as a trypsin and acrosin inhibitor in the genital tract and is localized in the spermatozoa. The protein has been associated with the progression of lymphomas. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]

Additional Information

Gene ID	6691
Other Names	Serine protease inhibitor Kazal-type 2, Acrosin-trypsin inhibitor, Epididymis tissue protein Li 172, HUSI-II, SPINK2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SPINK2
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Function	As a strong inhibitor of acrosin, it is required for normal spermiogenesis. It probably hinders premature activation of proacrosin and other proteases, thus preventing the cascade of events leading to spermiogenesis defects (PubMed: 28554943). May be involved in the regulation of serine protease-dependent germ cell apoptosis (By similarity). It also inhibits trypsin.
Cellular Location	Secreted. Cytoplasmic vesicle, secretory vesicle, acrosome
Tissue Location	Expressed in epididymis (at protein level).

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.