

**SPINK2 Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15882****Specification**

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**SPINK2 Antibody (C-Terminus) - Product Information**

Application	IF
Primary Accession	<a href="#">P20155</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9kDa KDa

**SPINK2 Antibody (C-Terminus) - Additional Information****Gene ID** 6691**Other Names**

Serine protease inhibitor Kazal-type 2, Acrosin-trypsin inhibitor, Epididymis tissue protein Li 172, HUSI-II, SPINK2

**Target/Specificity**

Human SPINK2. SPINK2 antibody is predicted to not cross-react with other SPINK family members.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

SPINK2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**SPINK2 Antibody (C-Terminus) - Protein Information****Name** SPINK2**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:<a href="http://www.uniprot.org/citations/28554943" target="\_blank">28554943</a>). 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**

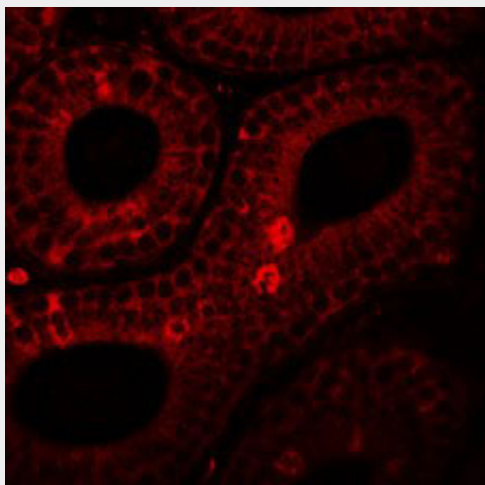
Expressed in epididymis (at protein level).

## **SPINK2 Antibody (C-Terminus) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **SPINK2 Antibody (C-Terminus) - Images**



Immunofluorescence of SPINK2 in mouse testis tissue with SPINK2 antibody at 20 µg/mL.

## **SPINK2 Antibody (C-Terminus) - Background**

Strong inhibitor of acrosin in male and/or female genital tract. Also inhibits trypsin.

## **SPINK2 Antibody (C-Terminus) - References**

Moeritz A.,et al.FEBS Lett. 278:127-130(1991).  
Moeritz A.,et al.Gene 123:277-281(1993).  
Li J.,et al.Mol. Cell. Proteomics 9:2517-2528(2010).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.