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Datasheet for ABIN6991639

anti-SPINK2 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	SPINK2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPINK2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	SPINK2 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of mouse SPINK2. The immunogen is located within the last 50 amino acids of SPINK2.
Isotype:	IgG
Specificity:	SPINK2 antibody is predicted to not cross-react with other SPINK family members.
Purification:	SPINK2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SPINK2
Alternative Name:	SPINK2 (SPINK2 Products)

Target Details

Background:	SPINK2 Antibody: Human serine proteinase inhibitor Kazal-type 2 (SPINK2) is required for maintaining normal spermatogenesis and potentially regulates serine protease-mediated apoptosis in male germ cells. It contains a typical kazal domain composed by six cysteine residues forming three disulfide bridges. SPINK2 functions as a trypsin/acrosin inhibitor and is synthesized mainly in the testis and seminal vesicle where its activity is engaged in fertility. SPINK2 plays a role in the pathogenesis of hereditary and chronic pancreatitis.
Molecular Weight:	Predicted: 15 kDa Observed: 18 kDa
Gene ID:	69982
NCBI Accession:	NP_001276693
UniProt:	Q8BMY7

Application Details

Application Notes:	SPINK2 antibody can be used for detection of SPINK2 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SPINK2 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	SPINK2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.