

TATI / SPINK1 Antibody (clone 4D4)
Mouse Monoclonal Antibody
Catalog # ALS14158**Specification**

TATI / SPINK1 Antibody (clone 4D4) - Product Information

Application	WB, IHC
Primary Accession	P00995
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	9kDa KDa

TATI / SPINK1 Antibody (clone 4D4) - Additional Information**Gene ID** 6690**Other Names**

Pancreatic secretory trypsin inhibitor, Serine protease inhibitor Kazal-type 1, Tumor-associated trypsin inhibitor, TATI, SPINK1, PSTI

Target/Specificity

Human SPINK1

Reconstitution & Storage

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

Precautions

TATI / SPINK1 Antibody (clone 4D4) is for research use only and not for use in diagnostic or therapeutic procedures.

TATI / SPINK1 Antibody (clone 4D4) - Protein Information**Name** SPINK1**Synonyms** PSTI**Function**

Serine protease inhibitor which exhibits anti-trypsin activity (PubMed:7142173). In the pancreas, protects against trypsin- catalyzed premature activation of zymogens (By similarity).

Cellular Location

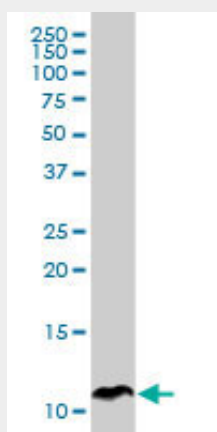
Secreted.

TATI / SPINK1 Antibody (clone 4D4) - Protocols

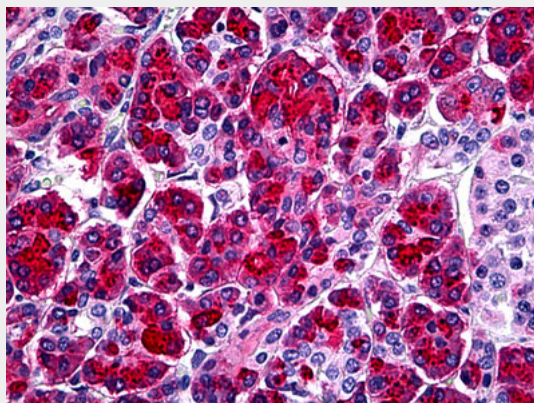
Provided below are standard protocols that you may find useful for product applications.

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

TATI / SPINK1 Antibody (clone 4D4) - Images



SPINK1 monoclonal antibody clone 4D4. Western blot of SPINK1 expression in human pancreas.



Anti-SPINK1 antibody IHC of human pancreas.

TATI / SPINK1 Antibody (clone 4D4) - Background

This is a trypsin inhibitor, its physiological function is to prevent the trypsin-catalyzed premature activation of zymogens within the pancreas.

TATI / SPINK1 Antibody (clone 4D4) - References

- Horii A., et al. Biochem. Biophys. Res. Commun. 149:635-641(1987).
Yamamoto T., et al. Biochem. Biophys. Res. Commun. 132:605-612(1985).
Tomita N., et al. FEBS Lett. 225:113-119(1987).
Witt H., et al. Nat. Genet. 25:213-216(2000).
Bartelt D.C., et al. Arch. Biochem. Biophys. 179:189-199(1977).

