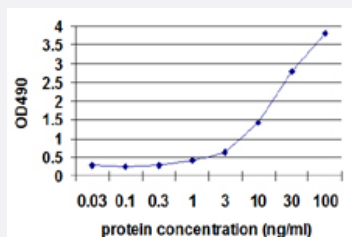


SPINK1 (Human) Matched Antibody Pair

Catalog # H00006690-AP41

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human SPINK1.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (68)
Quality Control Testing	Standard curve using recombinant protein (H00006690-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-SPINK1, IgG2a Kappa (100 ug) 2. Detection antibody: biotinylated mouse monoclonal anti-SPINK1, IgG2b Kappa (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

Gene Info — SPINK1

Entrez GeneID [6690](#)

Gene Name SPINK1

Gene Alias PCTT, PSTI, Spink3, TATI

Gene Description serine peptidase inhibitor, Kazal type 1

Omim ID [167790](#) [167800](#) [608189](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a trypsin inhibitor, which is secreted from pancreatic acinar cells into pancreatic juice. It is thought to function in the prevention of trypsin-catalyzed premature activation of zymogens within the pancreas and the pancreatic duct. Mutations in this gene are associated with hereditary pancreatitis and tropical calcific pancreatitis. [provided by RefSeq]

Other Designations pancreatic secretory trypsin inhibitor|serine protease inhibitor, Kazal type 1|tumor-associated trypsin inhibitor

Publication Reference

- [Pancreatic secretory trypsin inhibitor causes autocrine-mediated migration & invasion in bladder cancer & phosphorylates the EGF receptor, Akt 2 & 3, ERK1 & 2.](#)

Marchbank T, Mahmood A, Playford RJ.

American Journal of Physiology. Renal Physiology 2013 Aug; 305(3):F382.

Application: EPair-Re, Human, 253J cells

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Calcinosis](#)

- [Celiac Disease](#)
- [Chromosome Deletion](#)
- [Chronic Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Exocrine Pancreatic Insufficiency](#)
- [Fatty Liver](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hyperlipidemias](#)
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- [Insulin Resistance](#)
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