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Product datasheet for TA397009S

KTI3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	**WB**: 1:1,000 - 1:5,000 **IHC**: 1:200 - 1:1,000 **ELISA**: 1:2,000 - 1:10,000
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Anti-Trypsin Inhibitor was produced by repeated immunizations with soy bean trypsin inhibitor.
Specificity:	Anti-Trypsin Inhibitor antibody is an IgG fraction purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Rabbit Serum as well as purified and partially purified Trypsin Inhibitor (Soy Bean). Cross-reactivity against Trypsin Inhibitor from other tissues and species is unknown.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0mg/mL - lot specific
Conjugation:	HRP
Storage:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	P01070

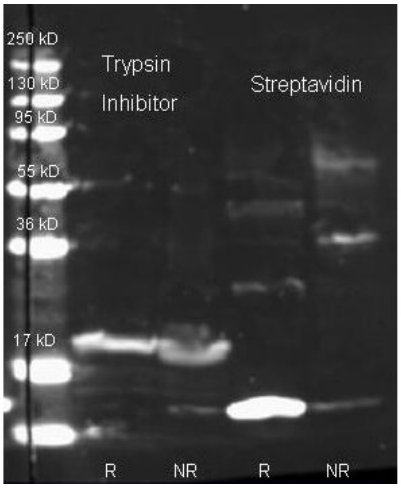
View online »

Background: Anti-Trypsin Inhibitor detects trypsin inhibitor from soy bean. Soybean trypsin inhibitor inhibits trypsin and to a lesser extent chymotrypsin and plasmin. Soybean trypsin inhibitor will also inhibit other proteases by a mechanism similar to trypsin. It has inhibitory effects towards plasma kallikrein and coagulation Factor Xa. However, Soybean trypsin inhibitor will not inhibit metalloproteases, tissue-based kallikrein, acid proteases, or thio proteases. Anti-Trypsin Inhibitor Antibody is ideal for investigators involved in Cell Signaling, Biochemistry and Signal Transduction research.

Synonyms: rabbit anti-trypsin inhibitor antibody HRP conjugation, peroxidase conjugated rabbit anti-trypsin inhibitor antibody, 25 kDa trypsin inhibitor (Protease inhibitor 15 preproprotein) antibody, CRISP8 antibody, KTi antibody, Kti S antibody, KTi3 antibody, KtiS antibody, Kunitz trypsin inhibitor antibody, Kunitz type trypsin inhibitor A antibody

Note: Anti-Trypsin Inhibitor peroxidase conjugated antibody has been tested by western blotting and ELISA and is suitable for IHC. Researchers should determine optimal titers for applications that are not stated below.

Product images:



Western Blot of Rabbit Anti Trypsin Inhibitor antibody. Lane 1: purified Soybean Trypsin Inhibitor Reduced. Lane 2: purified Soybean Trypsin Inhibitor Non-Reduced. Lane 3: purified Streptavidin Reduced. Lane 4: purified Streptavidin Non-Reduced. Load: 1.0 ug per lane. Primary antibody: Biotin conjugated Rabbit anti-trypsin inhibitor antibody and Rabbit anti streptavidin 1:1000 for overnight at 4°C. Secondary antibody: Dylight 649 conjugated Donkey anti rabbit at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 25 kDa for Trypsin Inhibitor.