

Product datasheet for **R1115PS**

KT13 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	Western blot: 1/500-1/5,000. Immunoprecipitation: 1/100. ELISA: 1/5,000-1/20,000. This product has been assayed against 1.0 µg of Trypsin inhibitor [soy bean] in a standard ELISA using peroxidase conjugated affinity purified anti-rabbit IgG (goat) and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/3,000 to 1/12,000 of the reconstitution concentration is suggested.
Reactivity:	Soy Bean
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Trypsin inhibitor from soy bean
Specificity:	This antibody detects soy bean Trypsin inhibitor. Cross reactivity against Trypsin inhibitor from other sources may occur but have not been specifically determined. Immunoelectrophoresis give a single precipitin arc against anti-rabbit serum as well as purified and partially purified Trypsin inhibitor [soy bean].
Formulation:	0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 State: Ig Fraction State: Lyophilized IgG fraction Preservative: 0.01% (w/v) Sodium azide
Reconstitution Method:	Restore with 0.1 ml of deionized water or equivalent.
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	Unconjugated



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Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P01070
Background:	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.

Product images:



Rabbit anti soybean Trypsin inhibitor antibody was used to detect purified soybean Trypsin inhibitor. Samples of ~1 and 0.25 ug of purified soybean Trypsin inhibitor per lane were run by SDS-PAGE under reducing and non-reducing conditions and reduced samples of protein contained 4% BME and were boiled for 5 minutes. Protein was transferred to nitrocellulose and probed with rabbit anti soybean Trypsin inhibitor antibody (1/5,000 overnight on 4°C). Primary antibody was detected with Dylight 488 conjugated streptavidin and Atto 425 conjugated goat anti rabbit secondary antibody. Predicted/observed size: 24 kDa, 17 kDa for Trypsin. Other band (s): none.