

Product Datasheet

Trypsin Inhibitor Antibody Biotin Conjugated (orb344979)

Catalog Number	orb344979
Description	Trypsin Inhibitor antibody (Biotin)
Species/Host	Rabbit
Reactivity	Plant
Conjugation	Biotin
Tested Applications	ELISA, WB
Immunogen	Anti-Trypsin Inhibitor was produced by repeated immunizations with soy bean trypsin inhibitor.
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Storage	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only
Application notes	Anti-Trypsin Inhibitor Biotin Conjugated antibody has been tested by ELISA and western blotting. Researchers should determine optimal titers for applications that are not stated below.
Isotype	IgG

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Clonality	Polyclonal
Antibody Type	Primary Antibody
Purity	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-Biotin, anti-Rabbit Serum as well as purified and partially purified Trypsin Inhibitor [Soy Bean]. Cross reactivity against Trypsin Inhibitor from other sources is unknown.
Uniprot ID	P01070
NCBI	P01070.2
Dilution Range	ELISA: 1:1,000 - 1:5,000, WB: 1:500 - 1:2,500
Expiration Date	12 months from date of receipt.



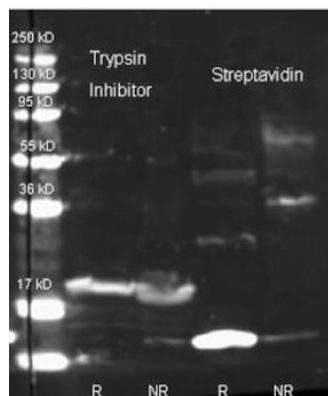
Western Blot of Rabbit anti-Soybean Trypsin Inhibitor antibody. Lane 1: ~1 ug of purified Soybean Trypsin Inhibitor Reduced. Lane 2: 0.25 ug of purified Soybean Trypsin Inhibitor Reduced. Lane 3: ~1 ug of purified Soybean Trypsin Inhibitor Non-reduced. Lane 4: 0.25 ug of purified Soybean Trypsin Inhibitor Non-reduced. Primary antibody: Soybean Trypsin Inhibitor antibody at 1:5000 for overnight at 4°C. Secondary antibody: Dylight 488 conjugated Streptavidin, 1:5K and Atto 425 conjugated goat anti rabbit, 1:10K at 1.5 hr at RT. Block: orb348637 overnight at 4°C. Predicted/Observed size: 24 kDa, 17 kDa for Trypsin. Other band(s): none.

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Western Blot of Rabbit anti-Soybean Trypsin Inhibitor antibody. Lane 1: Soybean Trypsin Inhibitor Reduced. Lane 2: Soybean Trypsin Inhibitor Non-Reduced. Lane 3: Streptavidin Reduced. Lane 4: Streptavidin Non-reduced. Load: ~1 ug per lane. Primary antibody: 1:1000 dilution of primary antibody (ON 4 C). Secondary antibody: Dylight 649 conjugated Donkey anti rabbit (1:10K 1.5 hr RT). Block: orb348637 overnight at 4°C. Predicted/Observed size: 24 kDa/20kDa for Trypsin, 18.8 kDa/15 kDa for Streptavidin. Other band(s): none.

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