

Aprotinin Antibody
Purified Rabbit Polyclonal Antibody
Catalog # ABV11647**Specification**

Aprotinin Antibody - Product Information

Application	WB
Primary Accession	P00974
Reactivity	Human, Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	rabbit IgG
Calculated MW	10903

Aprotinin Antibody - Additional Information**Other Names**

BPTI, Basic protease inhibitor, Pancreatic trypsin inhibitor

Target/Specificity

Aprotinin

Formulation

100 µg (0.5 mg/ml) of antibody in PBS pH 7.2, 0.01 % BSA, 0.03 % ProClin®, and 50 % glycerol.

Handling

The antibody solution should be gently mixed before use.

Background Descriptions**Precautions**

Aprotinin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Aprotinin Antibody - Protein Information**Name** BPT1**Function**

Inhibits trypsin, kallikrein, chymotrypsin, and plasmin.

Cellular Location

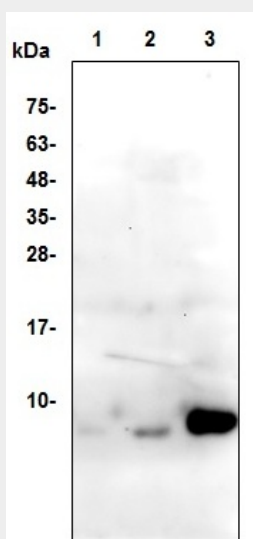
Secreted.

Aprotinin Antibody - 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](#)

Aprotinin Antibody - Images



Western blot with bovine Aprotinin antibody: Lane1: 2ng bovine Aprotinin; Lane2: 10ng bovine Aprotinin; Lane3: 50ng bovine Aprotinin.

Aprotinin Antibody - Background

Aprotinin inhibits the activity of several proteolytic enzymes such as chymotrypsin, kallikrein, plasmin and trypsin. It is present in blood and in most tissues, with a high concentration in lung, inhibits pro-inflammatory cytokine release and maintains glycoprotein homeostasis. In platelets, Aprotinin reduces glycoprotein loss (e.g., GpIb, GpIIb/IIIa), while in granulocytes it prevents the expression of pro-inflammatory adhesive glycoproteins. Aprotinin is a natural proteinase inhibitor polypeptide consisting of fifty-eight amino acids arranged in a single polypeptide chain, cross-linked by three disulfide bridges.