

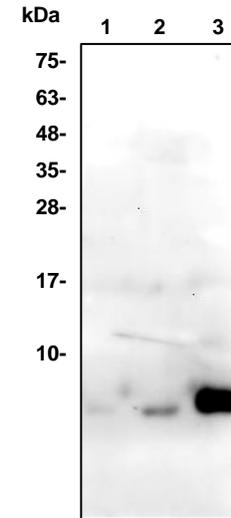
Aprotinin Antibody

ALTERNATE NAMES:	BPTI, Basic protease inhibitor, Pancreatic trypsin inhibitor
CATALOG #:	7007-30T 30 µg (Trial size) 7007-100 100 µg
HOST:	Rabbit
IMMUNOGEN:	Bovine Aprotinin (Cat No. 4690)
INTERNAL ID:	BV-P36
PURIFICATION:	Affinity purified rabbit IgG
FORM:	Liquid
FORMULATION:	0.5 mg/ml of antibody in PBS pH 7.2, 0.01 % BSA, 0.03 % ProClin® and 50 % glycerol.
SPECIES REACTIVITY:	Bovine. Predicted cross reactivity with human and mouse samples.
STORAGE CONDITIONS:	Store at -20°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION 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., Gplb, GplIb/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.

APPLICATION: Western blot: 1-4 µg

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot with bovine Aprotinin antibody:

Lane 1: 2 ng bovine Aprotinin.
Lane 2: 10 ng bovine Aprotinin.
Lane 3: 50 ng bovine Aprotinin.

RELATED PRODUCTS:

- Aprotinin (Bovine Lung) (**Cat. No. 4690-5, -100, -1000**)
- Aprotinin, Active, Bovine Recombinant (AOF) (**Cat. No. 7866-1, -5**)
- EZBlock™ Protease Inhibitor Cocktail XII, EDTA-free, Animal-free (**Cat. No. K221**)
- EZBlock™ Protease Inhibitor Cocktail XIII, EDTA & Animal-Free (**Cat. No. K222**)
- EZBlock™ Protease Inhibitor Cocktail V, EDTA-Free (**Cat. No. K290**)
- EZBlock™ Protease Inhibitor Cocktail VI, General Use (**Cat. No. K291**)
- EZBlock™ Protease Inhibitor Cocktail VII (**Cat. No. K292**)
- EZBlock™ Protease Inhibitor Cocktail VIII (**Cat. No. K293**)
- EZBlock™ Protease Inhibitor Cocktail X, EDTA-Free (**Cat. No. K297**)
- EZBlock™ Protease Inhibitor Cocktail XIV (**Cat. No. K223**)

FOR RESEARCH USE ONLY! Not to be used on humans.