

PAA968Bo01

**Polyclonal Antibody to Aprotinin (AP)
Organism Species: *Bos taurus*; Bovine (Cattle)**

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: Aprotinin, Bovine

Purification: Affinity Chromatography.

Clonality: Polyclonal

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Host: Rabbit

Concentration: 200µg/mL

Immunoglobulin Type: IgG

UOM: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Native aprotinin of bovine lung tissue.

Accession No.: NPA968Bo01

[REFERENCES]

The aprotinin is the small protein bovine pancreatic trypsin inhibitor, or BPTI, which inhibits trypsin and related proteolytic enzymes. Aprotinin was used as a medication administered by injection to reduce bleeding during complex surgery, such as heart and liver surgery. In cardiac surgery with a high risk of significant blood loss, aprotinin significantly reduced bleeding, mortality and hospital stay. Beneficial effects were also reported in high-risk orthopedic surgery. In liver transplantation, initial reports of benefit were overshadowed by concerns about toxicity.

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against aprotinin. It has been selected for its ability to recognize aprotinin in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.