PAA349Ge81 FITC-linked Antibody to Adenosine Triphosphate (ATP) Organism Species: General *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: ATP-OVA

Clonality: Polyclonal

Conjugation: FITC

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography. Applications: WB, ICC, IHC-P, IHC-F, ELISA Concentration: 200µg/mL UOM: 100µg

[IMMUNOGEN INFORMATION]

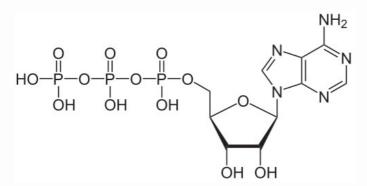
Immunogen: Small Molecule, ATP conjugated to OVA.

Accession No.: CPA349Ge21

Chemical Formula: $C_{10}H_{16}N_5O_{13}P_3$

Mol. Mass: 507.2g/mol

Structural Formula:



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[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against ATP. It has been selected for its ability to recognize ATP 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. *Note:* As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.