

**PAA851Ge81**

**FITC-linked Antibody to Dopamine (DA)**

**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:** Dopamine-OVA

**Conjugation:** FITC

**Clonality:** Polyclonal

**Host:** Rabbit

**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

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

**Concentration:** 200µg/mL

**UOM:** 100µg

## **[ IMMUNOGEN INFORMATION ]**

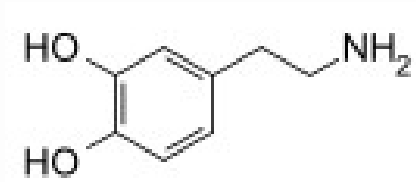
**Immunogen:** Small Molecule, dopamine conjugated to OVA.

**Accession No.:** CPA851Ge21

**Chemical Formula:** C<sub>8</sub>H<sub>11</sub>NO<sub>2</sub>

**Mol. Mass:** 153.18g/mol

**Structural Formula:**



## **[ ANTIBODY SPECIFICITY ]**

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

## **[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

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%  $\text{NaN}_3$ , 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.