

LAB348Hu81**FITC-Linked Polyclonal Antibody to Adenylate Cyclase 1, Brain (ADCY1)****Organism Species: Homo sapiens (Human)*****Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]**Source:** Antibody labeling**Host:** Rabbit**Purification:** Antigen-specific Affinity Chromatography.**Label:** FITC**Original Antibody:** PAB348Hu01**Traits:** Liquid**Concentration:** 200µg/mL**UOM:** 100µg**Applications:** WB; ICC; IHC-P; IHC-F; ELISA, Flow Cyt.**[IMMUNOGEN]****Immunogen:** Recombinant ADCY1 (Arg835~Asn1061) expressed in *E.coli*.**Accession No.:** RPB348Hu01**[APPLICATIONS]**

Western blotting: 0.5-2ug/ml

Immunocytochemistry in formalin fixed cells: 5-20ug/ml

Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml

Immunohistochemistry in paraffin section: 5-20ug/ml

Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml

Optimal working dilutions must be determined by end user.

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Note: As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.