PAA068Ra02

Polyclonal Antibody to Glial Fibrillary Acidic Protein (GFAP)

Organism Species: *Rattus norvegicus (Rat)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)
**PROPERTIES**

**Source:** Polyclonal antibody preparation  
**Host:** Rabbit  
**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography  
**Traits:** Liquid  
**Concentration:** 1mg/ml  
**UOM:** 100µl  
**Applications:** WB; IHC; ICC; IP.

**IMMUNOGEN**

**Immunogen:** Recombinant GFAP (Met1~Met430) expressed in *E.coli*  
**Accession No.:** RPA068Ra02

**APPLICATIONS**

Western blotting: 0.5-2µg/mL;  
Immunohistochemistry: 5-20µg/mL;  
Immunocytochemistry: 5-20µg/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.

[ IDENTIFICATION ]

Figure. Western Blot; Sample: Recombinant GFAP, Rat.

Western Blot; Sample: Rat Cerebellum lysate;
Primary Ab: 1µg/ml Rabbit Anti-Rat GFAP Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

DAB staining on IHC-P;
Samples: Rat Cerebrum Tissue;
Primary Ab: 20µg/ml Rabbit Anti-Rat GFAP Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

[ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.