

PAC060Hu01

Polyclonal Antibody to Platelet Derived Growth Factor Receptor Alpha (PDGFRα)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 200μL

Cross Reactivity: Mouse;Rat;Cavia;Canine;Porcine;Bovine;Caprine;Ovine

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant PDGFRα (Ala170~Glu387) expressed in *E.coli*

Accession No.: RPC060Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunofluorescence: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

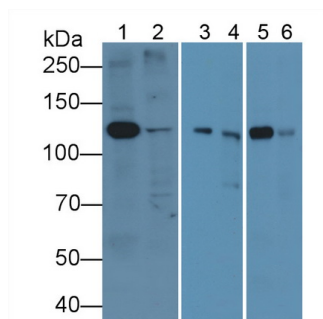
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 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

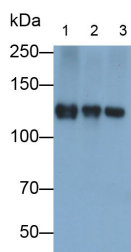
expiration date under appropriate storage condition.

[IDENTIFICATION]



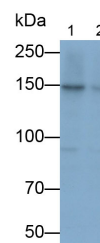
Western Blot; Sample: Lane1: Porcine Cerebrum lysate; Lane2: Porcine Heart lysate; Lane3: Bovine Cerebrum lysate; Lane4: Bovine Heart lysate; Lane5: Caprine Cerebrum lysate; Lane6: Caprine Heart lysate

Primary Ab: 5μg/mL Rabbit Anti-Human PDGFRα Ab
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



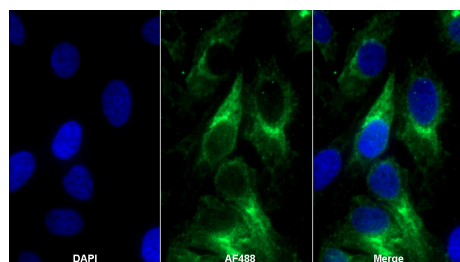
Western Blot; Samples: Lane1: Rat Cerebrum lysate; Lane2: Mouse Cerebrum lysate; Lane3: Porcine Cerebrum lysate;

Primary Ab: 0.3μg/mL Rabbit Anti-Human PDGFRα Antibody
Second Ab: 0.2?g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: HepG2 cell lysate; Lane2: SH-SY5Y cell lysate;

Primary Ab: 0.3μg/mL Rabbit Anti-Human PDGFRα Antibody
Second Ab: 0.2?g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: HeLa cell

Primary Ab: 20μg/mL Rabbit Anti-Human PDGFRα Antibody
Second Ab: 2?g/mL AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb11)

[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.