PAH469Hu01

Polyclonal Antibody to p21 Protein Activated Kinase 1 (PAK1)

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: 100µl

Cross Reactivity: Rat.

Applications: WB,IHC

[IMMUNOGEN]

Immunogen: Recombinant PAK1 (Glu252~Cys501) expressed in *E.coli*

Accession No.: RPH469Hu01

[APPLICATIONS]

Western blotting: 0.5-3µg/mL

Immunohistochemistry: 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 4ºC for frequent use.

Aliquot and store at -20ºC 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]

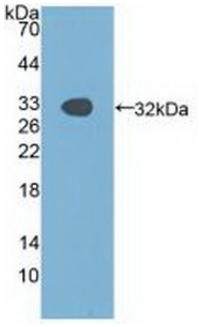
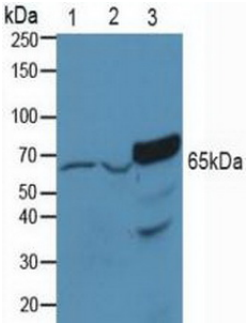


Figure. Western Blot; Sample: Recombinant PAK1, Human.

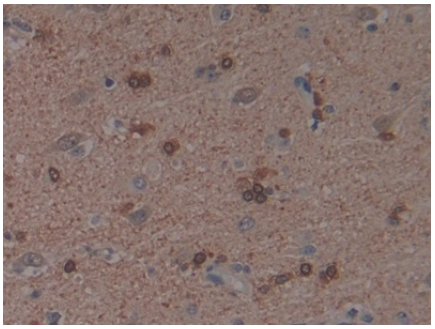


Western Blot; Sample: Lane1: Hela cell lysate; Lane2: Jurkat cell lysate; Lane3: Rat Cerebrum lysate

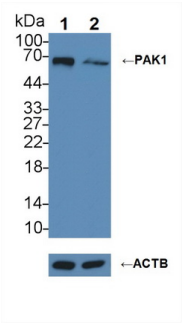
Primary Ab: 3µg/ml Rabbit Anti-Human PAK1 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Human Brain Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human PAK1 Anti



Knockout Varification:

Lane 1: Wild-type Hela cell lysate;

Lane 2: PAK1 knockout Hela cell lysate;

Predicted MW: 61kd

Observed MW: 65kd

Primary Ab: 3µg/ml Rabbit Anti-Human PAK1 Antibody

Second Ab: 0.2µg/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.