

PAD522Hu02

Polyclonal Antibody to Heat Shock Protein 90kDa Alpha B1 (HSP90aB1)

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: 0.36mg/mL

UOM: 100μL

Cross Reactivity: Mouse;Rat;Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant HSP90aB1 (Leu401~Asp724) expressed in *E.coli*

Accession No.: RPD522Hu02

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunofluorescence: 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.

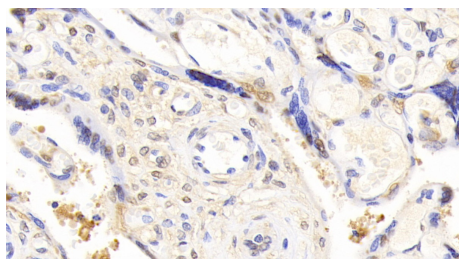
Store at 4°C for frequent use.

Aliquot and store at -20°C for 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

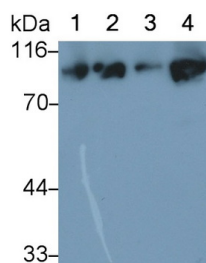
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

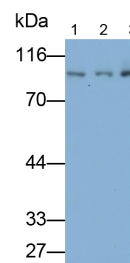


DAB staining on IHC-P; Samples:

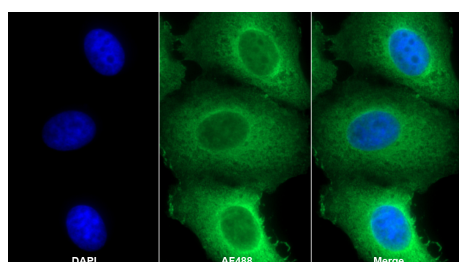
Human Placenta Tissue; Primary Ab:
20 μ g/ml Rabbit Anti-Human HSP90aB1
Antibody Second Ab: 2 μ g/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)



Western Blot; Sample: Lane1: Rat
Heart lysate; Lane2: Mouse Heart
lysate; Lane3: Porcine Heart lysate;
Lane4: Hela cell lysate
Primary Ab: 0.1 μ g/ml Rabbit Anti-
Human HSP90aB1 Antibody
Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Mouse
Heart lysate; Lane2: Mouse Kidney
lysate; Lane3: Mouse Cerebrum lysate;
Primary Ab: 0.1 μ g/ml Rabbit Anti-
Human HSP90aB1 Antibody
Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: HeLa cell

Primary Ab: 20 μ g/ml Rabbit Anti-
Human HSP90aB1 Antibody
Second Ab: 2 μ 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.