

PAD523Hu01

Polyclonal Antibody to Heat Shock Protein 90kDa Alpha A1 (HSP90aA1)

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: 0.23mg/mL

UOM: 100µL

Cross Reactivity: Rat

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant HSP90aA1 (Met1~Gly496 linked with Ile698~Asp732) expressed in *E.coli*

Accession No.: RPD523Hu01

[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.

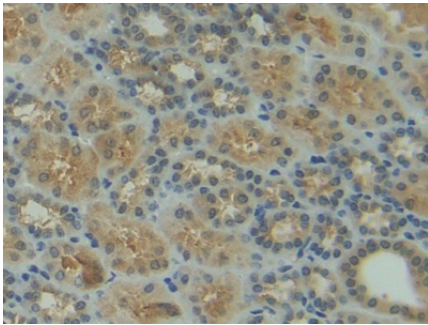
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

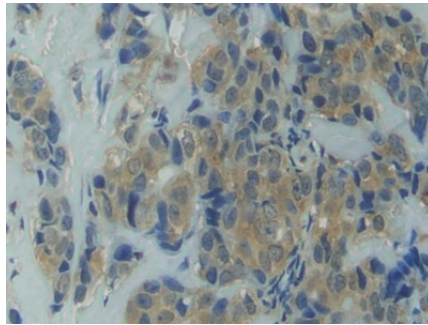
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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.

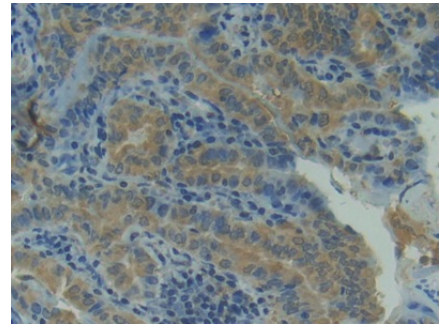
[IDENTIFICATION]



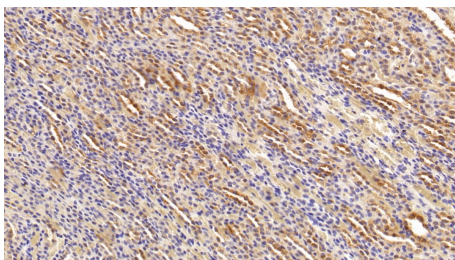
DAB staining on IHC-P; Sample: Rat Kidney Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human HSP90aA1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



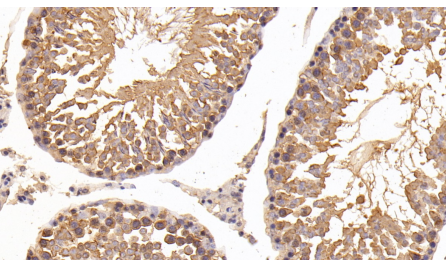
DAB staining on IHC-P; Samples: Human Breast cancer Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human HSP90aA1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



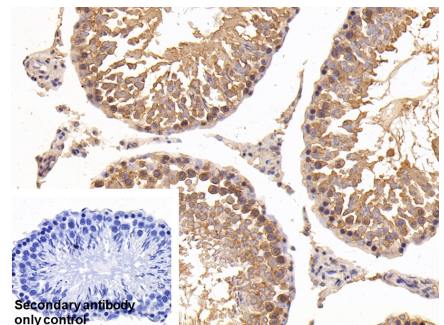
DAB staining on IHC-P; Samples: Human Thyroid cancer Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human HSP90aA1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Rat Kidney Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human HSP90aA1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Rat Testis Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human HSP90aA1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

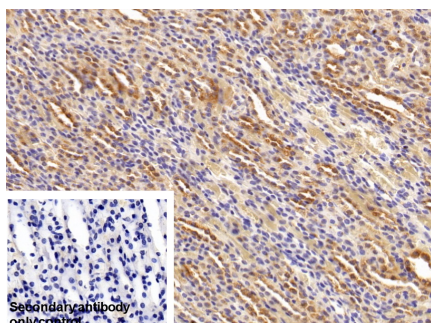


DAB staining on IHC-P; Sample: Rat Testis Tissue Primary Ab: 20µg/ml Rabbit Anti-Human HSP90aA1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Rat Kidney Tissue

Primary Ab: 20µg/ml Rabbit Anti-

Human HSP90aA1 Antibody

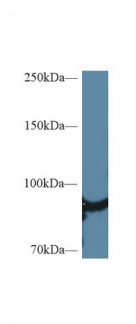
Control: Used PBS instead of primary
antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Rat Heart lysate;

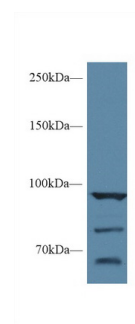
Primary Ab: 1µg/ml Rabbit Anti-Human

HSP90aA1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Human Liver

lysate;

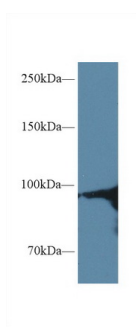
Primary Ab: 1µg/ml Rabbit Anti-Human

HSP90aA1 Antibody

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

Antibody

(Catalog: SAA544Rb19)



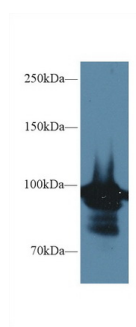
Western Blot; Sample: Human Lung
lysate;

Primary Ab: 1µg/ml Rabbit Anti-Human
HSP90aA1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)



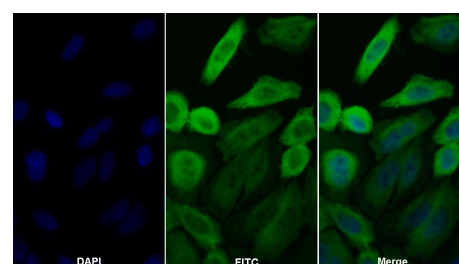
Western Blot; Sample: Rat Cerebrum
lysate;

Primary Ab: 1µg/ml Rabbit Anti-Human
HSP90aA1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)



FITC staining on IF;

Sample: HepG2 cell

Primary Ab: 20µg/ml Rabbit Anti-

Human HSP90aA1 Antibody

Second Ab: 2µg/ml FITC-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.