

PAA643Hu01

Polyclonal Antibody to Glutathione S Transferase Mu 4 (GSTm4)

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: Mouse;Rat

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant GSTm4 (Arg18~Trp215) expressed in *E.coli*

Accession No.: RPA643Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/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 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]

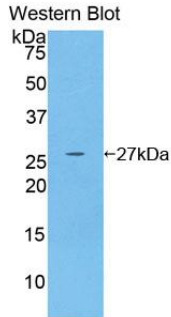
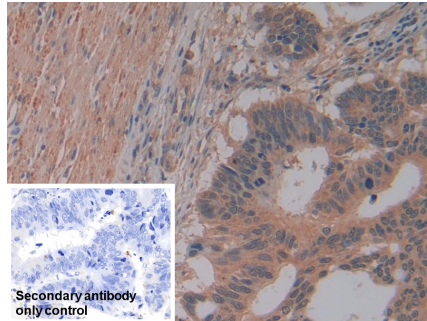
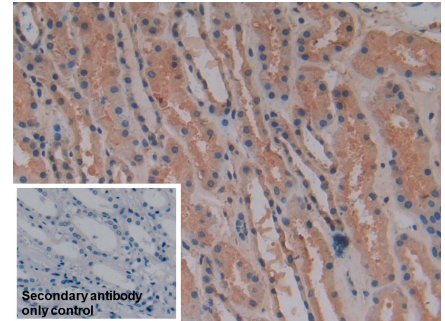


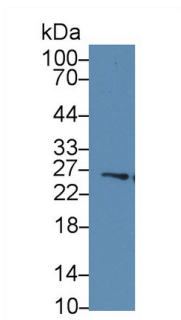
Figure. Western Blot; Sample: Recombinant GSTm4, Human.



DAB staining on IHC-P; Samples: Human Colorectal cancer Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human GSTm4 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



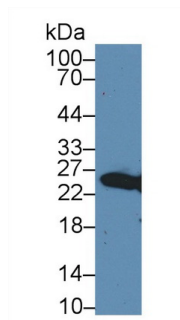
DAB staining on IHC-P; Sample: Human Kidney Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human GSTm4 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19) Secondary antibody only control: Used PBS instead of primary antibody, Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Human Liver lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human GSTm4 Antibody

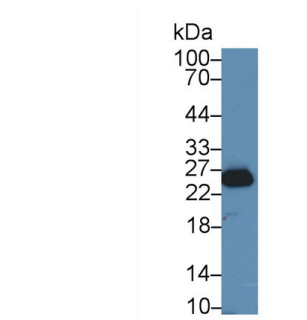
Second Ab: 0.2µg/mL HRP-Linked



Western Blot; Sample: Human Lung lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human GSTm4 Antibody

Second Ab: 0.2µg/mL HRP-Linked



Western Blot; Sample: Mouse Lung lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human GSTm4 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19) Selected

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[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.