

PAD352Hu01

Polyclonal Antibody to Hexokinase 2 (HK2)

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: 0.25mg/mL

UOM: 10 μ L

Cross Reactivity: Mouse;Porcine

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant HK2 (Trp619~Arg917) expressed in *E.coli*

Accession No.: RPD352Hu01

[APPLICATIONS]

Western blotting: 0.01-2 μ g/mL;

Immunohistochemistry: 5-20 μ g/mL;

Immunocytochemistry: 5-20 μ g/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]

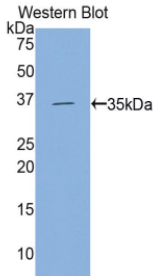
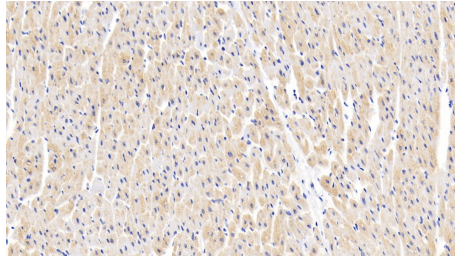
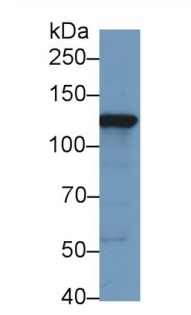


Figure. Western Blot; Sample: Recombinant HK2, Human.

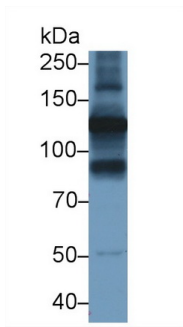


DAB staining on IHC-P; Samples:

Human Cardiac Muscle Tissue; Primary Ab: 20 μ g/ml Rabbit Anti-Human HK2 Antibody Second Ab: 2 μ g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

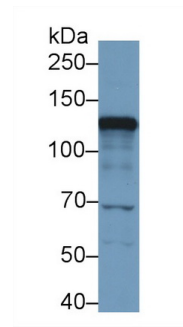


Western Blot; Sample: Human HepG2 cell lysate; Primary Ab: 1 μ g/ml Rabbit Anti-Human HK2 Antibody Second Ab: 0.2 μ g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



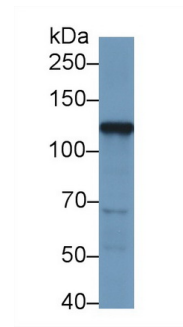
Western Blot; Sample: Mouse Cerebrum lysate;

Primary Ab: 1 μ g/ml Rabbit Anti-Human HK2 Antibody Second Ab: 0.2 μ g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Human MCF7 cell lysate;

Primary Ab: 1 μ g/ml Rabbit Anti-Human HK2 Antibody Second Ab: 0.2 μ g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Human HeLa cell lysate;

Primary Ab: 1 μ g/ml Rabbit Anti-Human HK2 Antibody Second Ab: 0.2 μ g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

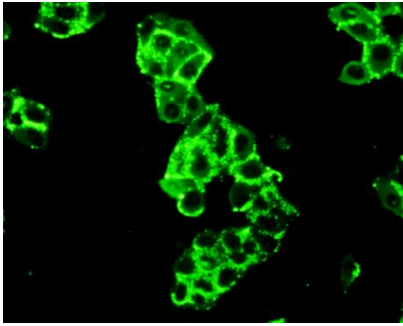


Figure: FITC staining on IHC-P;

Sample: MCF7 cells.

[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.