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Datasheet for ABIN1980424

anti-Hexokinase 2 antibody (AA 469-669)

4 Images

Overview

Quantity:	100 µL
Target:	Hexokinase 2 (HK2)
Binding Specificity:	AA 469-669
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hexokinase 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	HK2 (Ala469-Asp669)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against HK2. It has been selected for its ability to recognize HK2 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography

Target Details

Target:	Hexokinase 2 (HK2)
Abstract:	HK2 Products
Background:	Alternative Names: HK II, Muscle form hexokinase

Target Details

Pathways: [PI3K-Akt Signaling](#), [Carbohydrate Homeostasis](#), [Warburg Effect](#)

Application Details

Application Notes:

- Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user.

Comment: 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.

Restrictions: For Research Use only

Handling

Format: Liquid

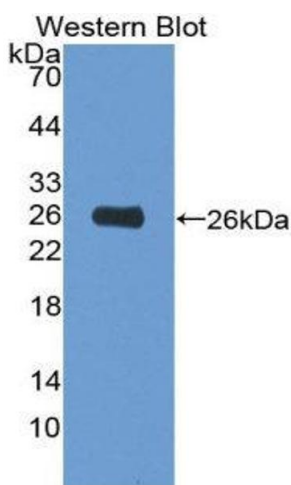
Concentration: Lot specific

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

Handling Advice: Avoid repeated freeze-thaw cycles.

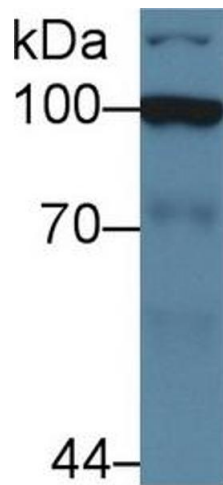
Expiry Date: 12 months

Images



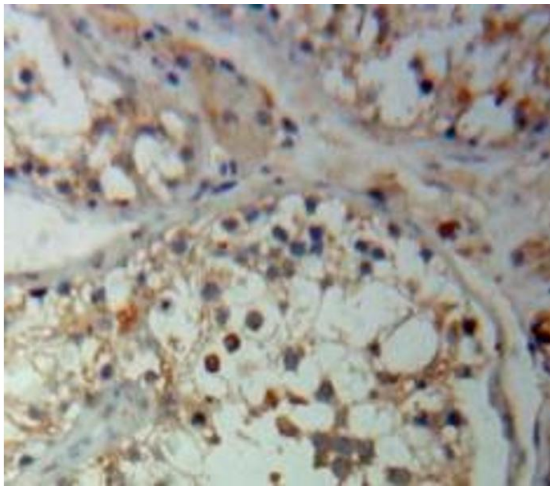
Western Blotting

Image 1.



Western Blotting

Image 2. Western Blot; Sample: Human Jurkat cell lysate;
Primary Ab: 5µg/ml Rabbit Anti-Human HK2 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog: SAA544Rb19)



Immunohistochemistry

Image 3. Used in DAB staining on formalin fixed paraffin-embedded Testis tissue

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1980424.