

Datasheet for ABIN7305898
anti-Hexokinase 2 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	Hexokinase 2 (HK2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hexokinase 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human Hexokinase 2
Specificity:	Recognizes endogenous levels of Hexokinase 2 protein.
Characteristics:	Rabbit polyclonal antibody to Hexokinase 2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Hexokinase 2 (HK2)
Alternative Name:	Hexokinase 2 (HK2 Products)
Background:	Hexokinase-2, Hexokinase type II, HK II, Muscle form hexokinase
Gene ID:	3099, 15277, 25059
UniProt:	P52789 , O08528 , P27881

Target Details

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

Application Details

Application Notes: WB (1:500 - 1:2000), IF/IC (1:50 - 1:200)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

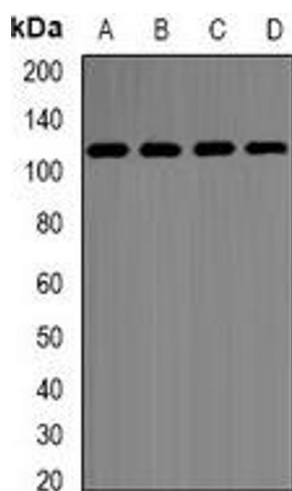
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Expiry Date: 12 months

Images



Western Blotting

Image 1. Western blot analysis of Hexokinase 2 expression in SHSY5Y (A), MCF7 (B), K562 (C), COS7 (D) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of Hexokinase 2 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary an