

Anti-PCK1 Antibody (9P530)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human,Rat
Clone:	9P530
Purification:	Protein G purified

Applications

Verified Activity:	1. Tissue: Rat liver
	Section type: Formalin fixed & Paraffin-embedded section
	Retrieval method: High temperature and high pressure
	Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:100
	Primary Ab incubation condition: 1 hour at room temperature
	Secondary Ab: SP Kit (Mouse)
	Counter stain: Hematoxylin (Blue)
	Comment: Color brown is the positive signal for TMAB-10068
	2. Tissue: Human liver
	Section type: Formalin fixed & Paraffin-embedded section
	Retrieval method: High temperature and high pressure
	Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:100
	Primary Ab incubation condition: 1 hour at room temperature
	Secondary Ab: SP Kit (Mouse)
	Counter stain: Hematoxylin (Blue)
Comment: Color brown is the positive signal for TMAB-10068	
3. Blocking buffer: 5% NFDM/TBST	
Primary Ab dilution: 1:1000	
Primary Ab incubation condition: room temperature 2 h	
Secondary Ab: Goat Anti-Mouse IgG H&L (HRP)	
Lysate: 1: Human liver, 2: Rat kidney	
Protein loading quantity: 20 µg	
Exposure time: 60 s	
Predicted MW: 65 kDa	
Observed MW: 65 kDa	
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-1000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Gene ID: 5105

Research Background

PCK1 is a main control point for the regulation of gluconeogenesis. This cytosolic enzyme, along with GTP, catalyzes the formation of phosphoenolpyruvate from oxaloacetate, with the release of carbon dioxide and GDP. The expression of the corresponding gene can be regulated by insulin, glucocorticoids, glucagon, cAMP, and diet. A mitochondrial isozyme has also been characterized.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481