

Datasheet for ABIN7440845
anti-CRAT antibody (AA 55-256)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CRAT
Binding Specificity:	AA 55-256
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Carnitine Acetyltransferase (CRAT)
Immunogen:	Recombinant Carnitine Acetyltransferase (CRAT) corresponding to Gln55~Arg256
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CRAT. It has been selected for its ability to recognize CRAT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

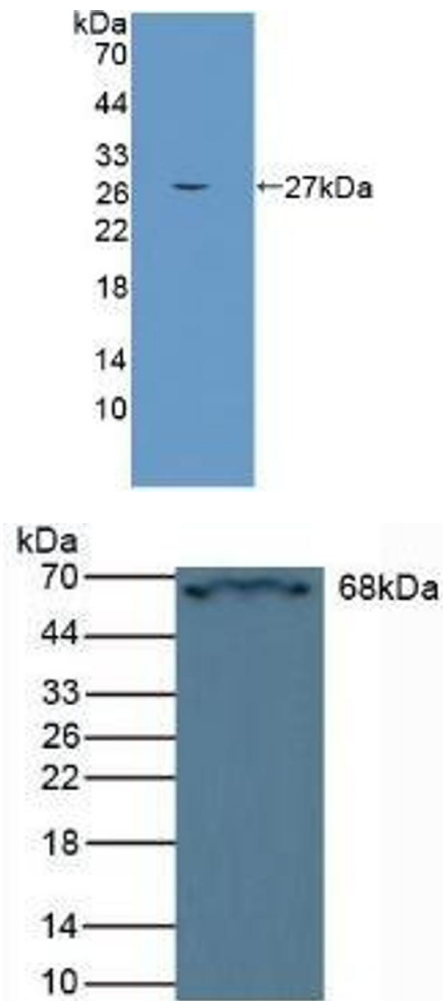
Target:	CRAT
Alternative Name:	Carnitine Acetyltransferase (CRAT Products)
Background:	CAT1, Carnitine O-Acetyltransferase, Carnitine acetylase
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL 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
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of recombinant CRAT using Polyclonal Antibody to Carnitine Acetyltransferase (CRAT)

Western Blotting

Image 2. Detection of CRAT in Rat Heart Tissue using Polyclonal Antibody to Carnitine Acetyltransferase (CRAT)