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Datasheet for ABIN7427561
anti-CRHBP antibody (AA 25-322)

2 Images

Overview

Quantity:	100 µL
Target:	CRHBP
Binding Specificity:	AA 25-322
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CRHBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Corticotropin Releasing Hormone Binding Protein (CRHBP)
Immunogen:	Recombinant Corticotropin Releasing Hormone Binding Protein (CRHBP) corresponding to Tyr25~Leu322 with N-terminal His and GST Tag
Clone:	C7
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CRHBP. It has been selected for its ability to recognize CRHBP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Protein A + Protein G affinity chromatography

Target Details

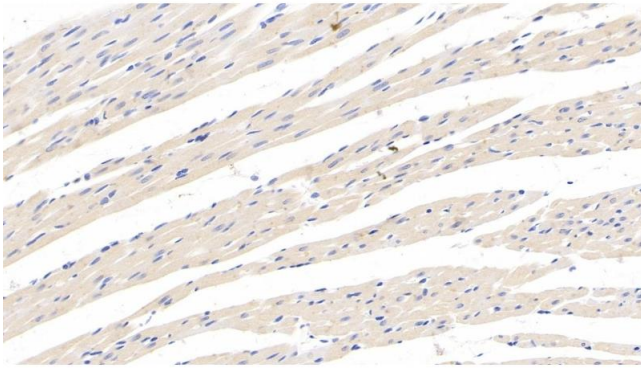
Target:	CRHBP
Alternative Name:	Corticotropin Releasing Hormone Binding Protein (CRHBP Products)
Background:	CRF-BP, CRFBP, Corticotropin-Releasing Factor-Binding Protein
Pathways:	Negative Regulation of Hormone Secretion

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

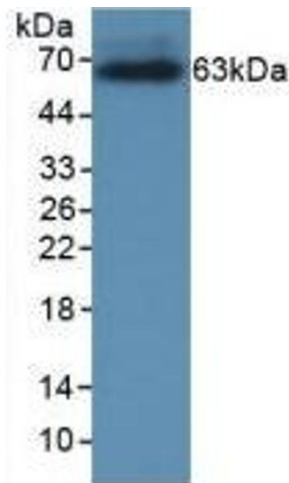
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



Immunohistochemistry

Image 1. Detection of CRHBP in Rat Cardiac Muscle Tissue using Monoclonal Antibody to Corticotropin Releasing Hormone Binding Protein (CRHBP)



Western Blotting

Image 2. Detection of Recombinant CRHBP, Rat using Monoclonal Antibody to Corticotropin Releasing Hormone Binding Protein (CRHBP)