Datasheet for ABIN7428059

anti-Vitamin D-Binding Protein antibody (AA 209-394)

3 Images

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Overview

Quantity:	100 µL
Target:	Vitamin D-Binding Protein (GC)
Binding Specificity:	AA 209-394
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Vitamin D-Binding Protein antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Vitamin D Binding Protein (DBP)
Immunogen:	Recombinant Vitamin D Binding Protein (DBP) corresdonding to Leu209~Arg394 (Accession # P04276)
Clone:	C4
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against DBP. It has been selected for its ability to recognize DBP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Protein A + Protein G affinity chromatography

Target Details

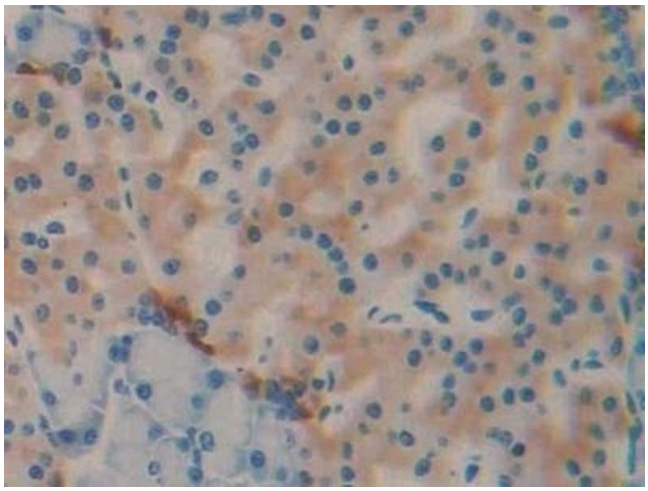
Target:	Vitamin D-Binding Protein (GC)
Alternative Name:	Vitamin D Binding Protein (GC Products)
Background:	GC, VDBG, VDBP, Group-Specific Component, Gc-globulin
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Monocarboxylic Acid Catabolic Process

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

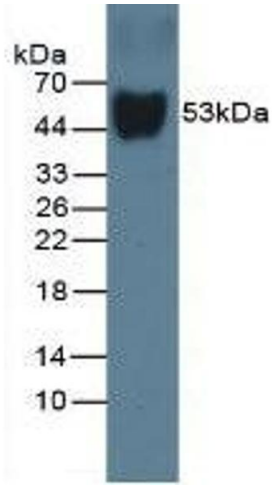
Handling

Format:	Liquid
Buffer:	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



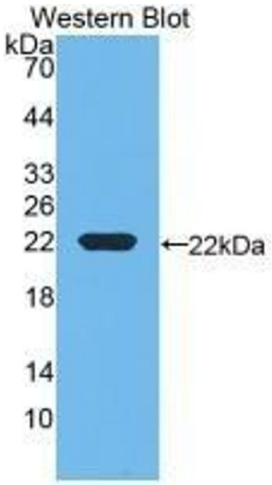
Immunohistochemistry

Image 1. Detection of DBP in Rat Pancreas Tissue using Monoclonal Antibody to Vitamin D Binding Protein (DBP)



Western Blotting

Image 2. Detection of DBP in Rat Serum using Monoclonal Antibody to Vitamin D Binding Protein (DBP)



Western Blotting

Image 3. Detection of Recombinant DBP, Rat using Monoclonal Antibody to Vitamin D Binding Protein (DBP)