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Datasheet for ABIN7427351
anti-Calcitonin antibody (AA 85-116)

2 Images

Overview

Quantity:	100 µL
Target:	Calcitonin (Calca)
Binding Specificity:	AA 85-116
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calcitonin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Calcitonin (CT)
Immunogen:	Recombinant Calcitonin (CT) corresponding to Cys85~Pro116 with Two N-terminal Tags, His-tag and SUMO-tag
Clone:	C4
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CT. It has been selected for its ability to recognize CT in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

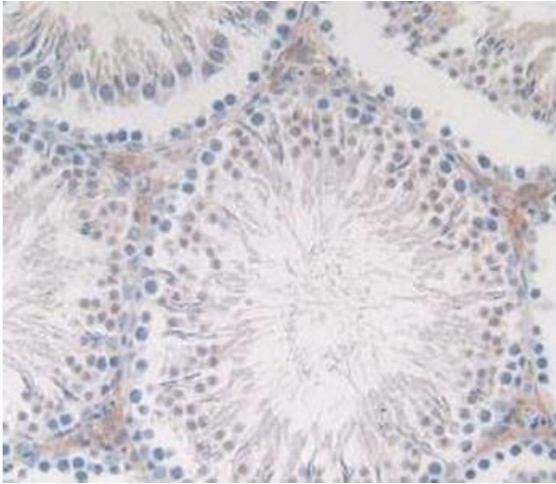
Target:	Calcitonin (Calca)
Alternative Name:	Calcitonin (Calca Products)
Background:	CALCA, CALC1, CGRP-I, CGRP1, KC, CCP, PDN-21, Katalcalcin, Calcitonin-Related Polypeptide Alpha, Calcitonin carboxyl-terminal peptide

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

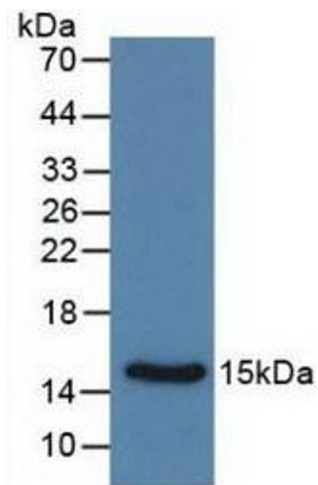
Handling

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



Immunohistochemistry

Image 1. Detection of CT in Rat Testis Tissue using Monoclonal Antibody to Calcitonin (CT)



Western Blotting

Image 2. Detection of Recombinant Calcitonin, Rat using Monoclonal Antibody to Calcitonin (CT)