

Datasheet for ABIN7427819

anti-PINP antibody

3 Images

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Overview

Quantity:	100 µL
Target:	PINP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PINP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC), ELISA

Product Details

Purpose:	Monoclonal Antibody to Procollagen I N-Terminal Propeptide (PINP)
Immunogen:	Recombinant Procollagen I N-Terminal Propeptide (PINP) corresponding to Two N-terminal Tags, His-tag and SUMO-tag
Clone:	C6
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against PINP. It has been selected for its ability to recognize PINP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

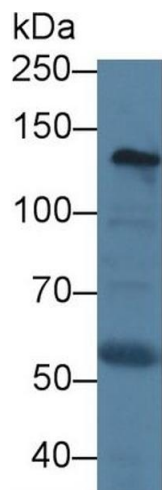
Target:	PINP
Alternative Name:	Procollagen I N-Terminal Propeptide (PINP Products)
Background:	P1NP, N-Propeptide Of Type I Procollagen, Procollagen I Amino Terminal Propeptide

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-50 µg/mL Immunocytochemistry: 5-50 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

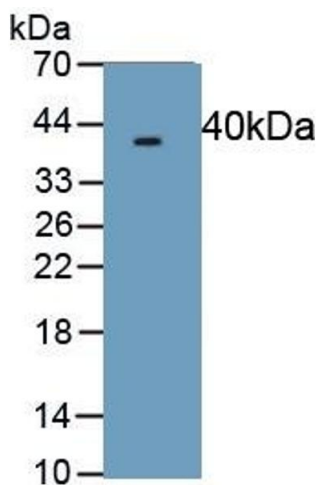
Handling

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



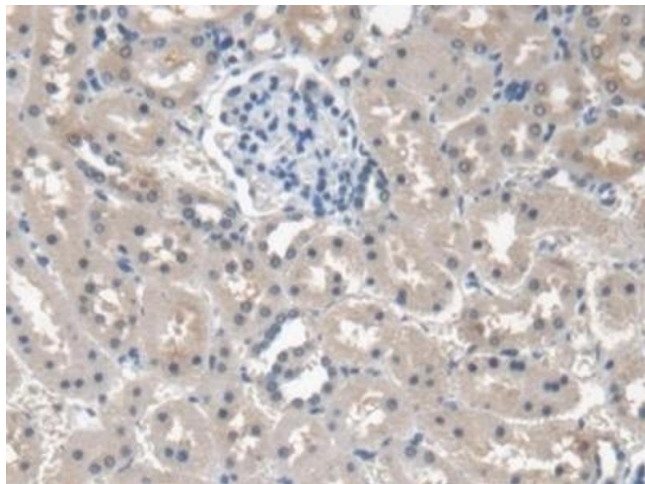
Western Blotting

Image 1. Detection of PINP in Rat Cerebrum lysate using Monoclonal Antibody to Procollagen I N-Terminal Propeptide (PINP)



Western Blotting

Image 2. Detection of Recombinant PINP, Human using Monoclonal Antibody to Procollagen I N-Terminal Propeptide (PINP)



Immunohistochemistry

Image 3. Detection of PINP in Human Kidney Tissue using Monoclonal Antibody to Procollagen I N-Terminal Propeptide (PINP)