

Datasheet for ABIN7438436
anti-FGF23 antibody (AA 79-160)

2 Images

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Overview

Quantity:	100 µL
Target:	FGF23
Binding Specificity:	AA 79-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF23 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Fibroblast Growth Factor 23 (FGF23)
Immunogen:	Recombinant Fibroblast Growth Factor 23 (FGF23) corresponding to Asp79~Arg160 (Accession # Q9GZV9)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against FGF23. It has been selected for its ability to recognize FGF23 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

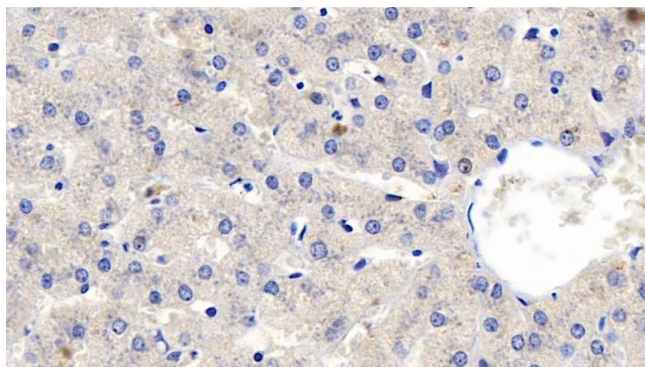
Target:	FGF23
Alternative Name:	Fibroblast Growth Factor 23 (FGF23 Products)
Background:	ADHR, HYPF, HPDR2, PHPTC, Phosphatonin, Tumor-derived hypophosphatemia-inducing factor
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Negative Regulation of Hormone Secretion

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

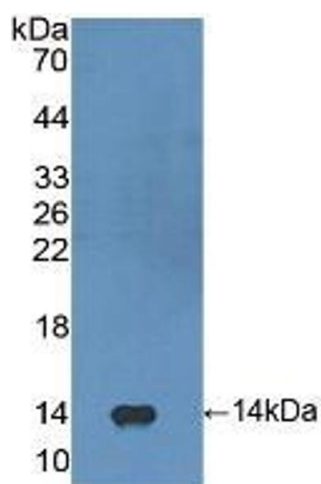
Handling

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 FGF23 in Human Liver Tissue using Polyclonal Antibody to Fibroblast Growth Factor 23 (FGF23)



Western Blotting

Image 2. Detection of Recombinant FGF23, Human using Polyclonal Antibody to Fibroblast Growth Factor 23 (FGF23)