

Datasheet for ABIN7436540

**anti-Klotho beta antibody (AA 517-636)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	Klotho beta (KLB)
Binding Specificity:	AA 517-636
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Klotho beta antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Klotho Beta (KLb)
Immunogen:	Recombinant Klotho Beta (KLb) corresponding to Val517~Ser636 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against KLb. It has been selected for its ability to recognize KLb in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

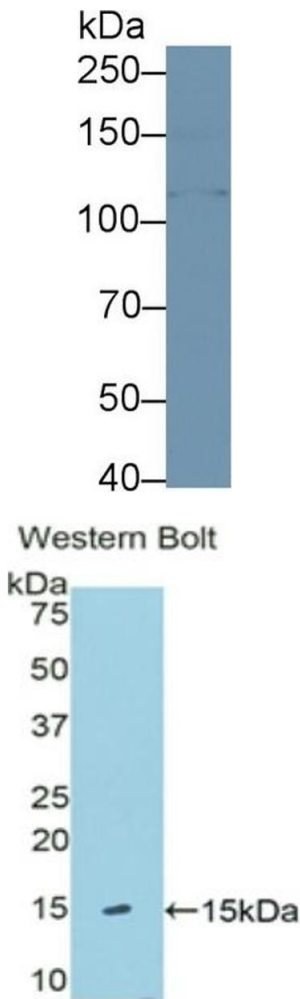
Target:	Klotho beta (KLB)
Alternative Name:	Klotho Beta ( <a href="#">KLB Products</a> )
Background:	Klotho beta-like protein
Pathways:	<a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Growth Factor Binding</a>

## 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:	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



#### Western Blotting

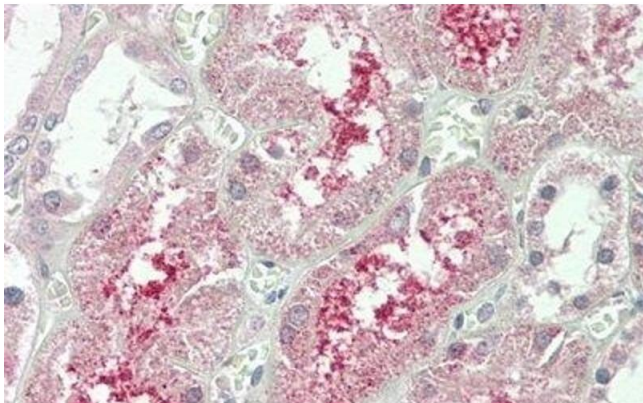
**Image 1.** Detection of KLb in Mouse Pancreas lysate using Polyclonal Antibody to Klotho Beta (KLb)

#### Western Blotting

**Image 2.** Detection of Recombinant KLb, Human using Polyclonal Antibody to Klotho Beta (KLb)

#### Immunohistochemistry

**Image 3.** Detection of KLb in Human Kidney Tissue using Polyclonal Antibody to Klotho Beta (KLb)



Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7436540.