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Datasheet for ABIN7436549
anti-Klotho antibody (AA 516-955)

7 Images

Overview

Quantity:	100 µL
Target:	Klotho (KL)
Binding Specificity:	AA 516-955
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Klotho antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Klotho (KL)
Immunogen:	Recombinant Klotho (KL) corresponding to Pro516~Phe955 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against KL. It has been selected for its ability to recognize KL in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

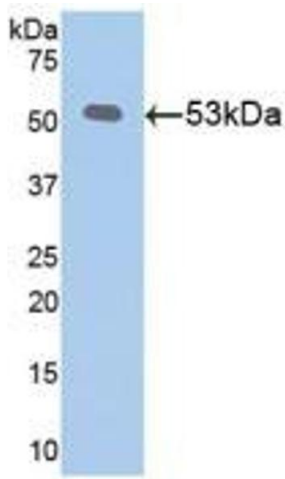
Target:	Klotho (KL)
Alternative Name:	Klotho (KL Products)
Background:	KLa, Klotho Alpha
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Hormone Activity , Growth Factor Binding

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

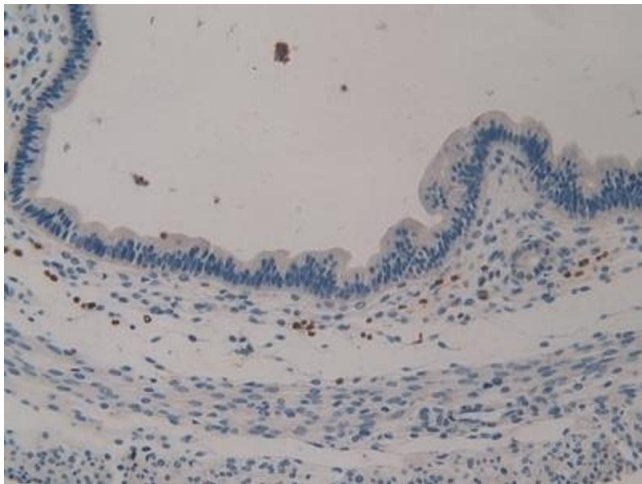
Handling

Format:	Liquid
Buffer:	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



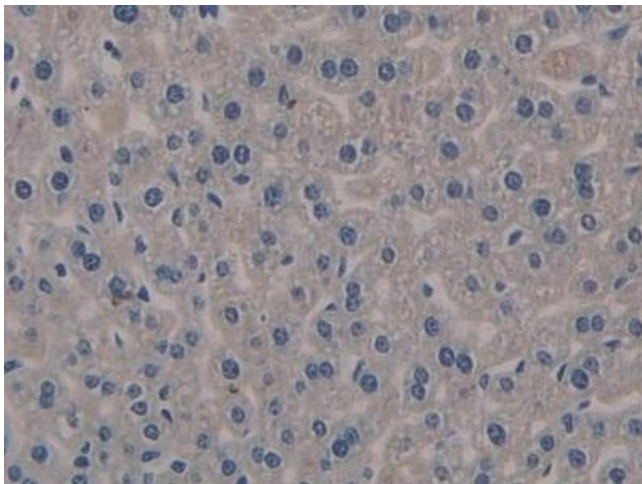
Western Blotting

Image 1. Detection of KL in Recombinant Klotho, Mouse using Polyclonal Antibody to Klotho (KL)



Immunohistochemistry

Image 2. Detection of KL in Mouse Uterus Tissue using Polyclonal Antibody to Klotho (KL)



Immunohistochemistry

Image 3. Detection of KL in Mouse Liver Tissue using Polyclonal Antibody to Klotho (KL)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7436549.