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Image



Overview

Quantity:	100 μL
Target:	Klotho (KL)
Binding Specificity:	AA 765-981
Reactivity:	Human
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) corresdonding to Phe765~Ser981 with Two N-terminal Tags, His-tag and SUMO-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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

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Target Details

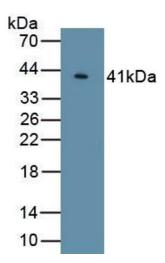
Alternative Name:	Klotho (KL Products)
Background:	KLa, Klotho Alpha
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling
	Pathway, Hormone Activity, Growth Factor Binding

Application Details

Application Notes:	Western blotting: 0.5-2 μg/mL
	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 Recombinant KL, Human using Polyclonal Antibody to Klotho (KL)