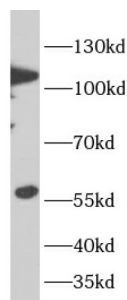


Klotho (KL) Antibody

Catalogue No.: abx216471



WB analysis of mouse kidney tissue, using KLOT antibody (1/1000 dilution).

Klotho (KL) Antibody is a Rabbit Polyclonal antibody for the detection of KLOT.

May have weak glycosidase activity towards glucuronylated steroids. However, it lacks essential active site Glu residues at positions 239 and 872, suggesting it may be inactive as a glycosidase in vivo. May be involved in the regulation of calcium and phosphorus homeostasis by inhibiting the synthesis of active vitamin D (By similarity).

Target:	Klotho (KL)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	klotho
Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 2.0.0

Revision date: 22 Jun 2025



Validity: 12 months.

UniProt Primary AC: Q9UEF7 ([UniProt](#), [ExPASy](#))

Gene Symbol: KL

GeneID: [9365](#)

OMIM: [604824](#)

HGNC: 6344

Ensembl: ENSG00000133116

String: [9606.ENSP00000369442](#)

Enzyme Commission Number: EC 3.2.1.31, EC 3.2.1

Molecular Weight: Observed MW: 62, 120 kDa

Buffer: PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.

Concentration: 2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.