

Rabbit anti-Human, Mouse Klotho Monoclonal Antibody | anti-KL antibody

Klotho Antibody

CATALOG # AAA312554	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	-----------------------------------	---

PRODUCT SYNONYMS

Klotho; Monoclonal Antibody; Klotho Antibody; Kl antibody; KLOT_HUMAN antibody; Klotho peptide antibody; anti-KL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-KL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Klotho antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Klotho antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Klotho on human serum lysate using anti-Klotho antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-KL antibody	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. Essential factor for the specific interaction between FGF23 and FGFR1. The Klotho peptide generated by cleavage of the membrane-bound isoform may be an anti-aging circulating hormone which would extend life span by inhibiting insulin/IGF1 signaling.
Product Categories/Family for anti-KL antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	2618596
NCBI GeneID	9365
UniProt Accession #	Q9UEF7; Q5VZ95; Q96KV5; Q96KW5; Q9UEI9; Q9Y4F0
Molecular Weight	116,181 Da
NCBI Official Full Name	klotho
NCBI Official Synonym Full Names	klotho
NCBI Official Symbol	KL
NCBI Protein Information	klotho
UniProt Protein Name	Klotho
UniProt Gene Name	KL
UniProt Entry Name	KLOT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.