



KL Antibody

CATALOG NUMBER: 42-061

Specifications

SPECIES REACTIVITY:

TESTED APPLICATIONS: ELISA

APPLICATIONS: ELISA: Antibody detection limit dilution 1:1000. Western Blot: Preliminary experiments in human kidney, pancreas, prostate and testis lysates gave no specific signal but low background (at antibody concentration up to 1 ug/mL).

IMMUNOGEN: KL antibody was raised against a 15 amino acid synthetic peptide near the internal region of KL.

HOST SPECIES: Goat

Properties

PURIFICATION: KL antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

PHYSICAL STATE: Liquid

BUFFER: KL antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

CONCENTRATION: 500 ug/mL

STORAGE CONDITIONS: Aliquot and store at -20°C. Minimize freezing and thawing.

CLONALITY: Polyclonal

CONJUGATE: Unconjugated

Additional Info

ALTERNATE NAMES: klotho, KL,

ACCESSION NO.: NP_004786.2

PROTEIN GI NO.: 24497614

OFFICIAL SYMBOL: KL

GENE ID: 9365

Background

REFERENCES: 1) Chen CD, Podvin S, Gillespie E, Leeman SE, Abraham CR. Insulin stimulates the cleavage and release of the extracellular domain of Klotho by ADAM10 and ADAM17. Proc Natl Acad Sci USA. 2007 Dec 11;104(50):19796-801. Epub 2007 Dec 3.

FOR RESEARCH USE ONLY

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