KL polyclonal antibody

Catalog # PAB6906 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of KL.
Immunogen	A synthetic peptide corresponding to human KL.
Sequence	C-KRDDAKYMYYLKK
Host	Goat
Theoretical MW (kDa)	116, 62.1
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_004786.2, NP_710150.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Info — KL

Entrez GeneID	9365
Protein Accession#	NP_004786.2;NP_710150.1
Gene Name	KL
Gene Alias	-
Gene Description	klotho
Omim ID	604824
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a type-I membrane protein that is related to beta-glucosidases. Reduced production of this protein has been observed in patients with chronic renal failure (CRF), and this may be one of the factors underlying the degenerative processes (e.g., arteriosclerosis, osteoporosis, and skin atrophy) seen in CRF. Also, mutations within this protein have been associated with ageing and bone loss. [provided by RefSeq
Other Designations	OTTHUMP00000018796

Publication Reference

- Suppression of aging in mice by the hormone Klotho.

  Kurosu H, Yamamoto M, Clark JD, Pastor JV, Nandi A, Gurnani P, McGuinness OP, Chikuda H, Yamaguchi M, Kawaguchi H, Shimomura I, Takayama Y, Herz J, Kahn CR, Rosenblatt KP, Kuro-o M.

  Science 2005 Sep; 309(5742):1829.

  Application: WB, Mouse, Plasma

Disease

- Acute Disease
- Aging
- Alzheimer disease
- Anemia

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Angina Pectoris
- Atherosclerosis
- Brain Ischemia
- Breast Neoplasms
- Calcinosis
- Cardiomyopathies
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cerebrovascular Accident
- Chromosome Disorders
- Cognition
- Connective Tissue Diseases
- Coronary Artery Disease
- Coronary Stenosis
- Dementia
- Diabetes Mellitus
- Disease Progression
- Diseases in Twins
- Edema
- Embolism
- Fetal Diseases
- Fractures
- Genetic Predisposition to Disease
- Heart Diseases
- Hip Fractures
- Hypercalcemia

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Hypercalciuria
- Hypertension
- Infection
- Inflammation
- Intelligence Tests
- Kidney Failure
- Musculoskeletal Diseases
- Neuropsychological Tests
- Osteoarthritis
- Osteoporosis
- Ovarian Neoplasms
- Pregnancy Complications
- Premature Birth
- Priapism
- Skin Diseases
- Spinal Osteophytosis
- Stroke
- Syndrome
- Thalassemia
- Tobacco Use Disorder
- Werner syndrome

Copyright © 2023 Abnova Corporation. All Rights Reserved.