

FGF21 Polyclonal Antibody

catalog number: AN000570P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

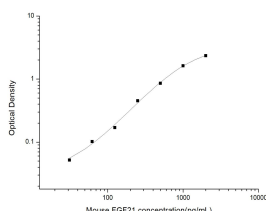
Reactivity	Mouse
Immunogen	Recombinant Mouse FGF21 protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications

Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Recombinant Mouse FGF21 protein standard curve. Background subtracted standard curve using FGF21 antibody(AN000570P)(Capture), FGF21 antibody(AN000570P)(Detector) in sandwich ELISA. The reference range value for Recombinant Mouse FGF21 protein is 31.25-2000 pg/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Fibroblast growth factor 21 (FGF21), a member of the FGF superfamily, has emerged as an important metabolic regulator. FGF21 is produced in the liver, adipocytes and skeletal muscle and regulates glucose, energy and lipid metabolism. FGF21 is a stress-responsive hepatokine which is induced in the liver as a response to injury, regeneration, hepatocarcinogenesis and during kidney dysfunction. FGF21 is primarily metabolized in the kidney and renal secretion is the major route of FGF21 elimination. Its plasma levels increase according to the decline in renal function in patients with chronic and acute renal dysfunction.

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