

Product Information

Recombinant Anti-Human GH1 Single Domain Antibody

Cat. No.: **NAB-L111**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Single Domain Antibody to human GH1.

Antigen Description

Plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.

Specific Activity

Tested positive against native human antigen.

Target

GH1

Immunogen

The details of the immunogen for this antibody are not available.

Source

Llama

Species Reactivity

Human

Type

Llama Single Domain Antibody

Expression Host

E.coli

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name

[GH1 growth hormone 1 \[Homo sapiens\]](#)

Official Symbol

GH1

Synonyms

GH1; growth hormone 1; somatotropin; GH; GH N; GHN; hGH N; pituitary growth hormone; GH-N; hGH-N; IGHD1B;

Gene ID

[2688](#)

mRNA Refseq

[NM_000515](#)

Protein Refseq

[NP_000506](#)

MIM

[139250](#)

UniProt ID

P01241

Chromosome Location

17q22-q24

Pathway

Adipogenesis, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem;

Function

growth factor activity; growth hormone receptor binding; growth hormone receptor binding; hormone activity; metal ion binding; prolactin receptor binding; protein binding;