

DNAXPAb

Hard-to-Find
Antibody

GH1 DNAXPab

Catalog # H00002688-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GH1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MATGSRTSLLLAFLGLLCLPWLQEGSAFPTIPLSRFDNAMLRAHRLHQLAFDTYQEFEEAYIPKEQ KYSFLQNPQTSLCFSESIPSPNREETQQKSNLELLRISLLLIQSWLEPVQFLRSVFANSLVYGASD SNVYDLLKDLEEGIQTLMGRLDGSPRTGQIFKQTYSKFDTNSHNDALLKNYGLLYCFRKDMDK VETFLRVQCRSVEGSCGF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — GH1

Entrez GeneID [2688](#)

GeneBank Accession# [BC075012.2](#)

Protein Accession# [AAH75012.1](#)

Gene Name GH1

Gene Alias GH, GH-N, GHN, hGH-N

Gene Description growth hormone 1

Omim ID [139250](#) [173100](#) [262400](#) [262650](#) [604271](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. The five genes share a remarkably high degree of sequence identity. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization. This particular family member is expressed in the pituitary but not in placental tissue as is the case for the other four genes in the growth hormone locus. Mutations in or deletions of the gene lead to growth hormone deficiency and short stature. [provided by RefSeq]

Other Designations pituitary growth hormone

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alzheimer disease](#)

- [Birth Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Accident](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Dwarfism](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)
- [Hematologic Diseases](#)
- [Hyperplasia](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Metaplasia](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)

- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Scoliosis](#)
- [Stroke](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)