

DNAxPAb

Hard-to-Find
Antibody

GH2 DNAxPab

Catalog # H00002689-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GH2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAAGSRTSLLLAFLGCLLSWLQEGSAFPTIPLSRLFDNAMLRRRLYLQLAYDTYQEFEEAYLKEQ KYSFLQNPQTSCLCFSESIPSPNRVKTQQKSNLELLRISLLLIQSWLEPVQLLRSVFANSLVYGASD SNVYRHLKDLEEGIQTLMWRLLEDGSPRTGQIFNQSYSKFDTKSHNDDALLKNYGLLYCFRKDMDK 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 — GH2

Entrez GeneID [2689](#)

GeneBank Accession# [NM_002059.3](#)

Protein Accession# [NP_002050.1](#)

Gene Name GH2

Gene Alias GH-V, GHL, GHV, hGH-V

Gene Description growth hormone 2

Omim ID [139240](#)

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. As in the case of its pituitary counterpart, growth hormone 1, the predominant isoform of this particular family member shows similar somatogenic activity, with reduced lactogenic activity. Mutations in this gene lead to placental growth hormone/lactogen deficiency. [provided by RefSeq]

Other Designations placenta-specific growth hormone|placental-specific growth hormone

Pathway

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

Disease

- [Adenocarcinoma](#)
- [Birth Weight](#)

- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Metabolic Syndrome X](#)
- [Metaplasia](#)