



Rabbit Anti-Human GH1 polyclonal antibody (DCABH-4475)

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

PRODUCT INFORMATION

Target	GH1
Immunogen	Purified human growth hormone.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	22 kDa
Cellular Localization	Cytoplasm
Positive Control	Anterior Pituitary
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction hGH is produced by the somatotroph cells in the pituitary. HGH acts through binding to membrane receptors that belong to the cytokine receptor superfamily. Ligand binding induces receptor dimerization and activation of the receptor-associated kinase: JAK2. This results in phosphorylation of the kinase itself, of the receptor, and of many cellular proteins including the Stat proteins as well as adaptors leading to the activation of the Ras/MAP kinase pathway and of the PI-3 kinase pathway.

Keywords gH;GH-N;GH1;GHN;Growth hormone 1;Growth hormone;Growth hormone, normal;Growth hormone, pituitary;HG1;hGH-N;IGHD1B;Pituitary growth hormone;RNGHGP;SOMA_HUMAN;Somatotropin

GENE INFORMATION

Entrez Gene ID [2688](#)

UniProt ID [P01241](#)