# Growth Hormone Rabbit pAb

**db4717** **Package : 20μL 50μL 100μL**

**Product Name :** Growth Hormone Rabbit pAb
**Cat.No.:** db4717
**Synonyms :** GH; GHN; GH-N; GHB5; hGH-N; IGHD1B
**Application :** WB
**Reactivity :** Human
**Host species :** Rabbit

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| **Background** | 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, Jul 2008] |
| **Immunogen** | Recombinant protein of human Growth Hormone |
| **Gene ID** | 2688 |
| **Swiss Prot** | P01241 |
| **Synonyms** | GH; GHN; GH-N; GHB5; hGH-N; IGHD1B |
| **Reactivity** | Human |
| **Application** | WB |
| **Recommended dilution** | WB: 1:1000-1:5000 |
| **Calculated MW** | 25 kDa |
| **Observed MW** | 22 kDa |
| **Host species** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |

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| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |