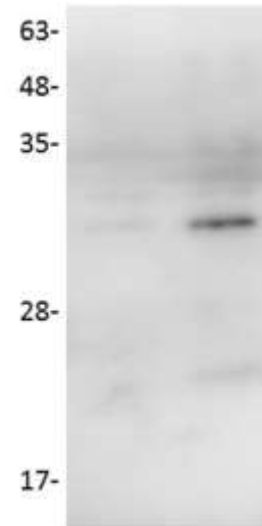


Chicken Growth Hormone Antibody

CATALOG NO:	6648-30T 30 µg (Trial size) 6648-100 100 µg
ALTERNATE NAME:	Somatotropin
CONCENTRATION:	0.5 mg/ml
IMMUNOGEN:	Recombinant protein chicken GH (Cat. No. 4771-100)
INTERNAL ID:	BV- N6
HOST:	Rabbit
SPECIES REACTIVITY:	Chicken
PURIFICATION:	Affinity purified rabbit IgG
FORMULATION:	Supplied in PBS pH 7.2, 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol.
STORAGE CONDITIONS:	Store at -20° C. For long term storage, aliquot and freeze at -70° C. Avoid repeated freeze/defrost cycles.
DESCRIPTION:	GH is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. It is a 191-amino acid, single chain polypeptide hormone which is synthesized, stored, and secreted by the somatotroph cells within the lateral wings of the anterior pituitary gland. 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.
APPLICATION:	Western blot: 1:200 Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot of Chicken GH antibody

Lane 1: Recombinant chicken GH protein 2 ng.
Lane 2: Recombinant chicken GH protein 10 ng.

RELATED PRODUCTS:

- Growth Hormone, human recombinant (**Cat. No. 4769-100, -500, -5000**)
- Growth Hormone, murine recombinant (**Cat. No. 4770-50, -1000**)
- GH (Growth Hormone) Antibody (**Cat. No. 5769-100**)
- GHRH, human recombinant (**Cat. No. 4784-500**)
- Human CellExp™ HGH, Human Recombinant (**Cat. No. 6457-10, -50**)
- Growth Hormone, chicken recombinant (**Cat. No. 4771-50, -500**)

FOR RESEARCH USE ONLY! Not to be used on humans.