

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat Growth Hormone in direct ELISAs and Western blots. In direct ELISAs, approximately 10% cross-reactivity with recombinant human Growth Hormone is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant rat Growth Hormone Leu27-Phe216 Accession # P01244
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Growth Hormone, also named somatotropin, belongs to the somatotropin/prolactin superfamily. It is synthesized in the anterior pituitary gland. Growth Hormone regulates body growth by stimulating the secretion of IGF-I by liver and other tissues.

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