



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Rabbit Anti-Human Growth Hormone (hGH) Polyclonal Antibody Datasheet

Product Name: pAb Rabbit anti-hGH		Catalogue No.: AI50006P		Quantity: 1.0 mg/vial	
Description:	Rabbit anti-human growth hormone polyclonal antibody	Background:	Human growth hormone (hGH) is a 191 amino acid polypeptide secreted by the pituitary gland in the brain. The hormone is critical for height increase and stature development before puberty, and is needed for maintaining healthy organ and vitality in adults. In childhood, insufficient hGH results in short stature and over secretion of hGH causes gigantism. hGH is regulated primarily by somatocromin and somatostatin released from hypothalamus in response to physiological signals such as age, gender nutrition, exercise, stress and sleep etc.		
Purification:	Protein G affinity purified	Applications:	ELISA: The antibody can be used for ELISA. To obtain high assay sensitivity in sandwich ELISA detection of hGH, it is recommended to order matched monoclonal antibody pair (MO-M40012A and MO-M40012T).		
Product Type:	Primary antibody	References:	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.		
Target Protein:	Human growth hormone (hGH)				
Immunogen:	HPLC purified recombinant hGH with 98% purity				
Source:	Rabbit				
Specificity:	This antibody recognizes human growth hormone				
Species:	Human, others not tested				
Reactivity:					
Formulation:	Lyophilized from a solution in 0.01M PBS, pH 7.2				
Reconstitution:	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.				
Storage:	Store at -20°C				
Research Area:	Hormone, growth and development				

This product is for LABORATORY RESEARCH USE and further manufacture ONLY, and cannot be administered to human and animals for use in diagnostic and therapeutic procedures.

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