

GHSR Polyclonal Antibody

Catalog NumberPA5-33580

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human, Non-human primate
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	1-3 µg/mL
Immunogen	Synthetic 16 amino acid peptide from internal region of human Ghrelin Receptor.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Baboon, Monkey, Marmoset (100%).

Background/Target Information

Growth hormone secretagogue receptor 1a (GHSR) is a member of the G-protein coupled receptor family. GHSR may play a role in energy homeostasis and regulation of body weight. Two identified transcript variants are expressed in several tissues and are evolutionary conserved in fish and swine. One transcript, 1a, excises an intron and encodes the functional protein; this protein is the receptor for the Ghrelin ligand and defines a neuroendocrine pathway for growth hormone release. The second transcript (1b) retains the intron and does not function as a receptor for Ghrelin; however, it may function to attenuate activity of isoform 1a. Mutations to the gene can cause isolated partial growth hormone deficiency.

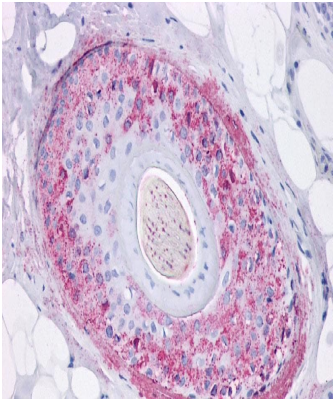
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Product Images For GHSR Polyclonal Antibody



GHSR Antibody (PA5-33580) in IHC (P)
Immunohistochemistry analysis of GHSR in human skin, hair follicle. Samples were incubated with GHSR polyclonal antibody (Product # PA5-33580). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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