

## Datasheet: OBT1427

<b>Description:</b>	SHEEP ANTI HUMAN GROWTH HORMONE RELEASING HORMONE
<b>Specificity:</b>	GROWTH HORMONE RELEASING HORMONE
<b>Other names:</b>	GHRH, SOMATOLIBERIN
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting			▪	
Radioimmunoassays	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Rat, Bovine</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Serum - liquid
<b>Antiserum Preparation</b>	Antiserum to GHRH was raised by repeated immunisation of sheep with highly purified antigen.
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )

## Stabilisers

### Approx. Protein Concentrations

IgG concentration 5.0 mg/ml

### Immunogen

Growth Hormone Releasing Hormone conjugated to Keyhole Limpet Hemocyanin.

### External Database Links

#### UniProt:

[P01286](#)

[Related reagents](#)

#### Entrez Gene:

[2691](#)

GHRH

[Related reagents](#)

### Synonyms

GHRF

### RRID

AB\_618598

### Specificity

**Sheep anti Human growth hormone releasing hormone antibody** recognizes growth hormone releasing hormone (GHRH), also known as somatoliberin or somatocrinin. GHRH is a 44 amino acid peptide hormone produced by the hypothalamus. The main role of GHRH is to stimulate Growth Hormone, but it has the additional function of promoting slow wave sleep.

### References

1. Thomas, M.G. *et al.* (2009) Dynamics of GHRH in third-ventricle cerebrospinal fluid of cattle: relationship with serum concentrations of GH and responses to appetite-regulating peptides. [Domest Anim Endocrinol. 37: 196-205.](#)

### Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

### Guarantee

12 months from date of despatch.

### Health And Safety Information

Material Safety Datasheet documentation #10081 available at: 10081: <https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf>

### Regulatory

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [HRP](#)

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Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://bio-rad-antibodies.com)

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