



# GroPep Bioreagents

## Bream GH Polyclonal Antibody (Rabbit)

### Description

Bream growth hormone (GH) polyclonal antibody was prepared by immunising rabbits with recombinant bream GH (*Acanthopagrus butcheri*). The immunoglobulin fraction was purified by Protein A affinity chromatography. The antibody has 100% cross-reactivity with black bream GH but < 0.2% to trout GH, goldfish GH, human GH, rat GH and porcine GH. It is suitable for use in immunoassay, immunoblotting and immunohistochemistry

### References:

Knibb W *et al* (1991) DNA Sequence **2**, 121-123

### Immunogen:

Bream (*Acanthopagrus butcheri*) GH conjugated to ovalbumin

### Source:

Rabbit antiserum. The immunoglobulin fraction was purified by Protein A affinity chromatography of serum obtained from a rabbit immunised with recombinant bream (*Acanthopagrus butcheri*) growth hormone.

### Specificity:

Specific for Bream GH (*Acanthopagrus butcheri*). Cross-reactivity to trout GH (*Oncorhynchus mykiss*), goldfish GH (*Carassius auratus*), human GH, rat GH and porcine GH is < 0.2%.

### Appearance:

Lyophilized powder

### Storage/Stability:

At least 2 years at 2 - 4°C (lyophilized).  
After reconstitution store at -20°C or -80°C  
Avoid freeze-thaw cycles

### Reconstitution:

Dissolve the vial contents in 200 µl sterile water or buffer solution and stand for 10 minutes at room temperature. Dilute further in a buffer suitable for the application.

### Application and Titre:

Each application and titre should be determined in house.  
As a guideline, following reconstitution a dilution in the range 1:500 – 1:32,000 should give a suitable absorbance in a conventional format.

### Product Codes and Pricing

**Bream GH**  
**Polyclonal antibody**

**200 µg**      **PAG1**

### Related Products:

Bream GH

**\*\*NOT FOR USE IN HUMANS\*\***

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