



# GroPep® Bioreagents

## Human IGF-I Polyclonal Antibody (Rabbit)

### Description

This human IGF-I polyclonal antibody was prepared by immunising rabbits with an analogue of human IGF-I. The immunoglobulin fraction was purified by Protein A affinity chromatography. The antibody cross-reacts 100% with Human, Bovine and Porcine IGF-I, 70% with Chicken IGF-I and 25% with Rat IGF-I. It also cross-reacts 100% with [Arg<sup>3</sup>] IGF-I and 20% with LR<sup>3</sup> IGF-I. Cross-reactivity to human IGF-II is < 1%. The antibody is suitable for use in immunoassay, immunoblotting and immunohistochemistry.

### References:

Upton Z *et al* (1996) Journal of Endocrinology **149**, 379-397

### Immunogen:

Analogue of human IGF-I

### Source:

Rabbit antiserum. The immunoglobulin fraction was purified by Protein A affinity chromatography of serum obtained from a rabbit immunised with a recombinant analogue of human IGF-I.

### Specificity:

Human IGF-I, Bovine IGF-I, Porcine IGF-I, 100%  
Chicken IGF-I, 70%  
Rat IGF-I, 25%  
Human IGF-II, < 1%  
[Arg<sup>3</sup>] IGF-I, 100%; LR<sup>3</sup> IGF-I, 20%

### Appearance:

Lyophilized powder

### Storage/Stability:

At least 2 years at 2 - 8°C (lyophilized)  
After reconstitution store at -20°C or -80°C  
Avoid freeze-thaw cycles.

### Reconstitution:

Dissolve in 400 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:

GroPep recommends optimal dilutions/concentrations should be determined by the end user.  
ELISA (1/50 – 1/32,000)  
Suitable for use in immunoassay, immunoblotting and immunochemistry.

### Product Codes

**Human IGF-I  
Polyclonal Antibody**

**400 µg                      PAA2**

### Related Products:

Human IGF-I (Receptor grade)  
Chicken IGF-I  
Rat IGF-I

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

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