

## IGFBP-rP1 Polyclonal Antibody (Rabbit)

### Description

Human IGFBP-rP1 is also known as IGFBP-7, MAC25 protein, PG12 stimulating factor, prostacyclin-stimulating factor and tumour derived adhesion factor. It is a 256 amino acid glycoprotein with structural homology to IGF binding proteins. It binds IGF-I and IGF-II with low affinity and stimulates prostacyclin production and causes cell adhesion.

This IGFBP-rP1 antibody was prepared by immunising rabbits with a 14 amino acid peptide from the Ig-like C2 type domain, linked to diphtheria toxoid. The peptide sequence is unique to IGFBP-rP1. The antibody recognises human IGFBP-rP1 but no other IGF binding protein or related protein. Although the sequence is derived from human IGFBP-rP1, the antibody should recognise IGFBP-rP1 in non-human primates, cattle, sheep and pigs and potentially several other species although this should be experimentally determined. The immunoglobulin fraction was purified by Protein A affinity chromatography. The antibody is suitable for use in immunoassay, immunoblotting and immunohistochemistry.

### References:

Oh Y *et al* (1996) Journal of Biological Chemistry **271**, 30322-30325.

### Immunogen:

Derived from UniProtKB/Swiss-Prot sequence ID Q16270 human IGFBP-7. The peptide sequence is amino-acids 197-210 (IGFBP-7<sub>87-101</sub>) conjugated to diphtheria toxoid.

### Source:

Affinity purified rabbit antiserum

### Specificity:

Recognises Human IGFBP-rP1. Specificity for other species should be determined. No cross-reactivity against other IGF binding proteins.

### 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 and then dilute in a buffer suitable for the application.

### Application and Titre:

Each application and titre should be determined in house.  
The recommended range for use is 1:250 – 1:10,000.

### Product Codes and Pricing

**IGFBP-rP1**  
**Polyclonal Antibody**

**200 µg**      **PAAD1**

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

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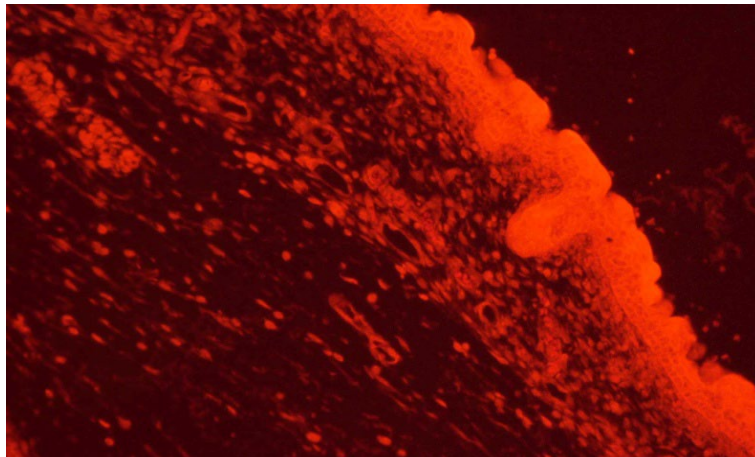
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# GroPep Bioreagents



**Figure 1 Embryonic rat skin**

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