



# GroPep Bioreagents

## IGFBP-6 Polyclonal Antibody (Rabbit)

### Description

This IGFBP-6 antibody was prepared by immunising rabbits with a 15 amino acid peptide derived from the central domain of human IGFBP-6, linked to diphtheria toxoid. The peptide sequence is unique to IGFBP-6. The antibody recognises IGFBP-6 but not IGFBP-1, 2, 3, 4, 5 or related proteins. Although the sequence is derived from human IGFBP-6, the antibody does recognise IGFBP-6 from several 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:

Shimasaki S *et al* (1991) *Molecular Endocrinology* **5**, 938-948

### Immunogen:

Derived from UniProtKB/Swiss-Prot sequence ID P24592 human IGFBP-6. The peptide sequence is amino-acids 114-128 (IGFBP-6<sub>87-101</sub>) conjugated to diphtheria toxoid.

### Source:

Affinity purified rabbit antiserum

### Specificity:

Recognises human and rat IGFBP-6. Specificity for other species should be determined. No cross-reactivity against IGFBP-1, 2, 3, 4 or 5.

### 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-6

#### Polyclonal Antibody

200 µg

PAAE1

US\$150

### Related Products:

Human IGFBP-6

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

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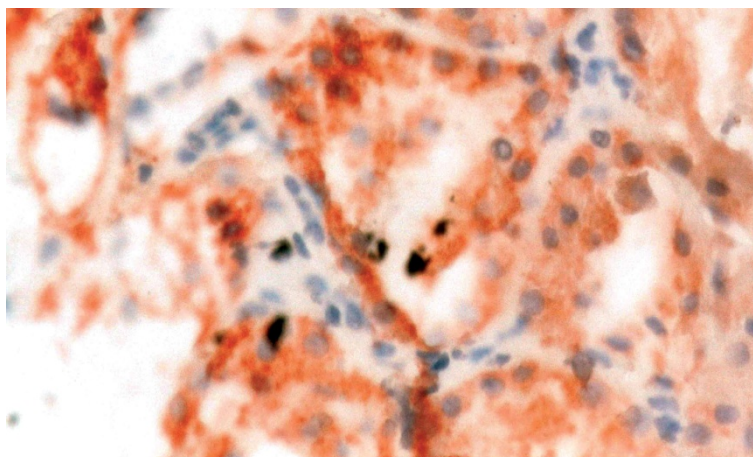


Figure 1 Human kidney

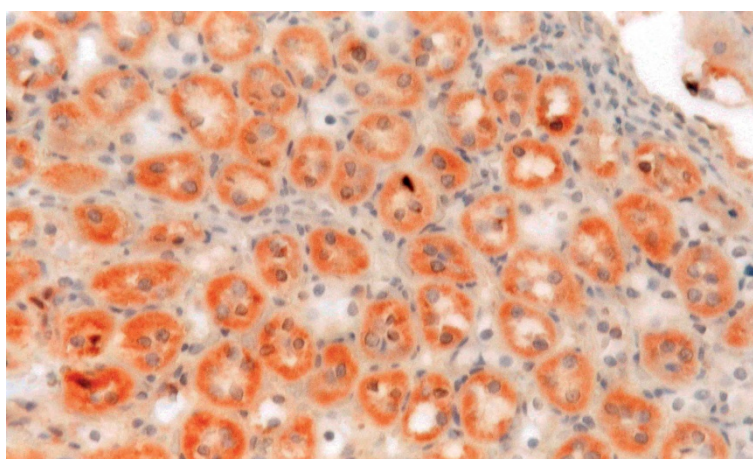


Figure 2 Rat kidney

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