



GroPep Bioreagents

IGFBP-5 Polyclonal Antibody (Rabbit)

Description

This IGFBP-5 antibody was prepared by immunising rabbits with a 15 amino acid peptide derived from the central domain of human IGFBP-5, immediately upstream from the thyroglobulin-type 1 domain, linked to diphtheria toxoid. The peptide sequence is unique to IGFBP-5. The antibody recognises IGFBP-5 but not IGFBP-1, 2, 3, 4, 6 or related proteins. Although the sequence is derived from human IGFBP-5, the antibody does recognise IGFBP-5 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) Journal of Biological Chemistry **266**, 10646-10653

Immunogen:

Derived from UniProtKB/Swiss-Prot sequence ID P24593 human IGFBP-5. The peptide sequence is amino-acids 174-188 (IGFBP-5₁₅₄₋₁₆₈) conjugated to diphtheria toxoid.

Source:

Affinity purified rabbit antiserum

Specificity:

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

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-5

Polyclonal Antibody

200 µg

PAAF1

US\$150

Related Products:

Human IGFBP-5
Rat IGFBP-5
Mouse IGFBP-5

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

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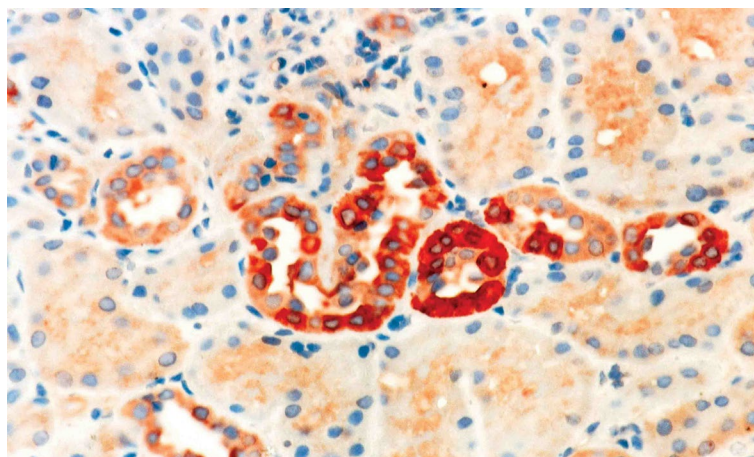


Figure 1 Human kidney

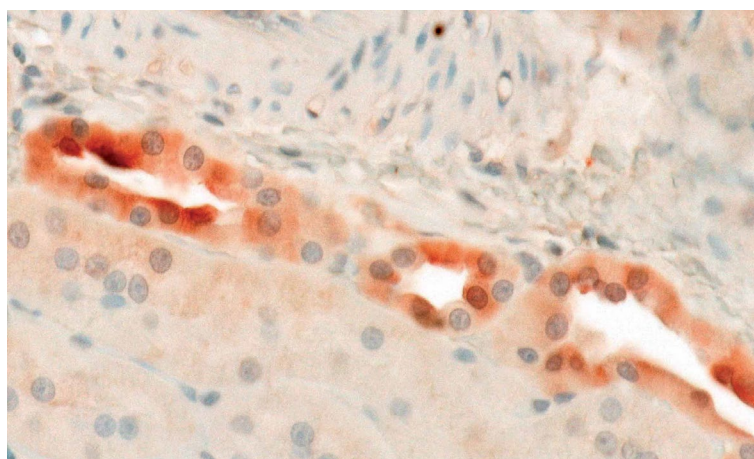


Figure 2 Rat kidney

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