Rat Betacellulin antiserum (Rabbit)

Description
Rat betacellulin antiserum was prepared by immunising rabbits with a 16 amino acid peptide derived from a sequence downstream from the N terminus of mature rat betacellulin. It has 100% cross-reactivity with rat betacellulin but not to bovine or human betacellulin. It does not recognise human epidermal growth factor (EGF) or human transforming growth factor-α (TGF-α).

References:

Immunogen:
Derived from UniProtKB/Swiss-Prot sequence ID Q9JJM4 rat betacellulin. The peptide sequence is amino-acids 50-65 (rat betacellulin₁₉₋₃₄) conjugated to diphtheria toxoid.

Source:
Rabbit antiserum

Specificity:
Cross-reacts 100% with rat betacellulin, <1% with bovine betacellulin. There was no cross-reactivity to human EGF or TGF-α.

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 100µl sterile water 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 but as a guideline:
Western blotting: 1:1000

Product Codes and Pricing

Rat betacellulin antiserum 100 µl PAAQ1 US$150

Related Products:
Bovine betacellulin
Bovine betacellulin antiserum (Rabbit)

**NOT FOR USE IN HUMANS**