

## **ABSTRACT**

### **ANTIBODIES SPECIFIC FOR SCLEROSTIN AND METHODS FOR INCREASING BONE MINERALIZATION**

Compositions and methods relating to antibodies that specifically bind to TGF-beta binding proteins are provided. These methods and compositions relate to altering bone mineral density by interfering with the interaction between a TGF-beta binding protein sclerostin and a TGF-beta superfamily member, particularly a bone morphogenic protein. Increasing bone mineral density has uses in diseases and conditions in which low bone mineral density typifies the condition, such as osteopenia, osteoporosis, and bone fractures.

FIG. 1



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