
Osterix Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251481

Unit: 0.1 mg

Description:

Transcription factor Sp7 (osterix) is a transcriptional activator essential for osteoblast differentiation. Osterix binds to SP1 and EKLF consensus sequences and to other G/C-rich sequences. Defects in osterix are the cause of osteogenesis imperfecta type 11 (OI11). OI11 is a connective tissue disorder characterized by bone fragility, low bone mass, recurrent fractures, mild bone deformations, generalized osteoporosis, delayed teeth eruption, no dentinogenesis imperfecta, normal hearing, and white sclerae.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: OSX; Zinc finger protein osterix; Transcription factor Sp7; SP7

Accession No.: Q8TDD2

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human osterix.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.