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SP7 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10328

Product Information

Application	WB, IHC
Primary Accession	Q8TDD2
Other Accession	NM_152860, NP_690599
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44994

Additional Information

Gene ID	121340
Alias Symbol	MGC126598, OSX, osterix, OI11, OI12
Other Names	Transcription factor Sp7, Zinc finger protein osterix, SP7, OSX
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SP7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SP7 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

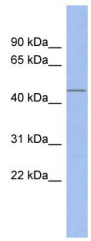
Protein Information

Name	SP7
Synonyms	OSX
Function	Transcriptional activator essential for osteoblast differentiation (PubMed:23457570). Binds to SP1 and EKLF consensus sequences and to other G/C-rich sequences (By similarity).
Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q8VI67}.
Tissue Location	Restricted to bone-derived cell.

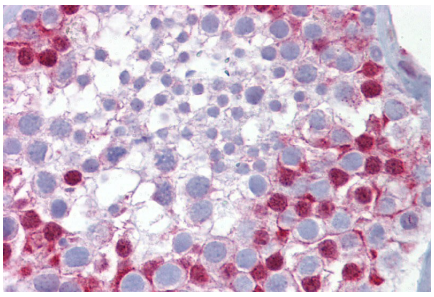
References

Rich,J.T., (2008) Biochem. Biophys. Res. Commun. 372 (1), 230-235 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-SP7 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: Human kidney



Immunohistochemistry with Testis tissue at an antibody concentration of 5ug/ml using anti-SP7 antibody (AI1328)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.