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SP7 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10328

Specification

SP7 antibody - N-terminal region - Product Information

Application	**WB, IHC**
Primary Accession	Q8TDD2
Other Accession	NM_152860, NP_690599
Reactivity	**Human, Mouse, Rat, Pig, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**45kDa KDa**

SP7 antibody - N-terminal region - 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.

SP7 antibody - N-terminal region - 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

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Nucleus {ECO:0000250|UniProtKB:Q8VI67}.

Tissue Location
Restricted to bone-derived cell.

SP7 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

