

**SP7 antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10255**

**Specification**

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**SP7 antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q8TDD2</a>
Other Accession	<a href="#">NM_152860</a> , <a href="#">NP_690599</a>
Reactivity	Human, Mouse, Rat, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45kDa KDa

**SP7 antibody - C-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 100 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 - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**SP7 antibody - C-terminal region - Protein Information**

**Name** SP7

**Synonyms** OSX

**Function**

Transcriptional activator essential for osteoblast differentiation (PubMed:<a href="http://www.uniprot.org/citations/23457570" target="\_blank">23457570</a>). 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

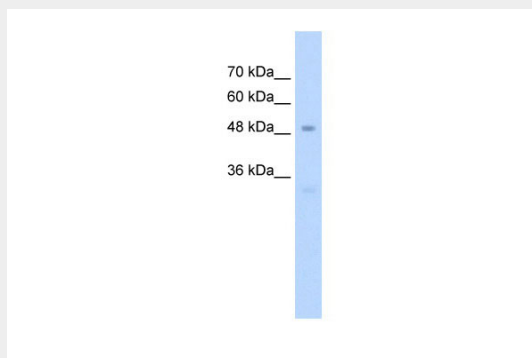
Restricted to bone-derived cell.

### SP7 antibody - C-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 Cytometry](#)
- [Cell Culture](#)

### SP7 antibody - C-terminal region - Images



#### WB Suggested Anti-SP7 Antibody

**Titration: 2.5 µg/ml**

Positive Control: Jurkat Whole Cell

### SP7 antibody - C-terminal region - References

Nakashima, A., (2006) *Calcif. Tissue Int.* 78 (2), 98-102 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.