

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

SP7 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q8TDD2
Other Accession	NM_152860 , NP_690599
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:23457570). Binds to SP1 and EKLF consensus sequences and to other G/C-rich sequences (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q8VI67}.

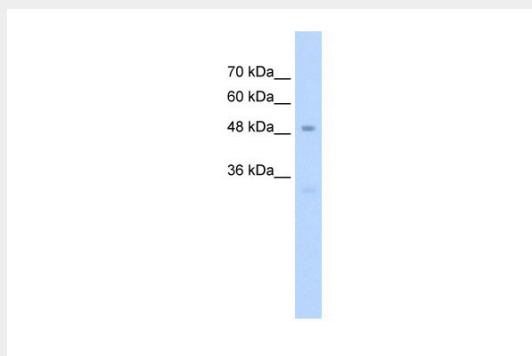
Tissue Location

Restricted to bone-derived cell.

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.