



[Go to Product page](#)

Datasheet for ABIN7464956  
**anti-SP7 antibody**

### Overview

Quantity:	100 µL
Target:	SP7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SP7 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SP7. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	SP7
Alternative Name:	Sp7 transcription factor ( <a href="#">SP7 Products</a> )
Background:	Sp7 transcription factor , OI11 , OI12 , OSX , osterix,SP7 is a C2H2-type zinc finger transcription factor of the SP gene family and a putative master regulator of bone cell differentiation (Gao et al., 2004 [PubMed 15474293]).[supplied by OMIM]

## Target Details

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Molecular Weight: 45 kDa

Gene ID: 121340

UniProt: [Q8TDD2](#)

## Application Details

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Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  
Not tested in other applications.

Comment: Positive Control: U2OS nuclear extract  
Validation: Orthogonal

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.