

Datasheet for ABIN3032705
anti-SP4 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	SP4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SP4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human Transcription factor Sp4 (ENNNKKPKTSGSQDSQ) was used as the immunogen for this Sp4 antibody (100% rat homology).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	SP4
Alternative Name:	Sp4 (SP4 Products)
Background:	Transcription factor Sp4, also known as SPR-1, and HF1B, is a protein that in humans is encoded by the SP4 gene. It is a multigene family of SP proteins. Northern blot analysis shows

Target Details

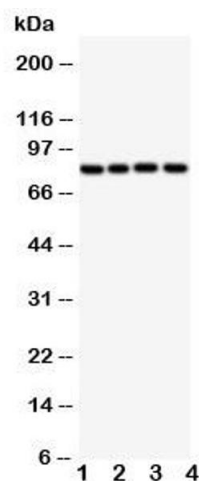
that it is abundantly expressed as a 7.5-kb message in brain, but barely detectable in other human cell lines. It is an activator protein like SP1. However, in contrast to SP1, Sp4 is not able to act synergistically through adjacent binding sites.

UniProt: [Q02446](#)

Application Details

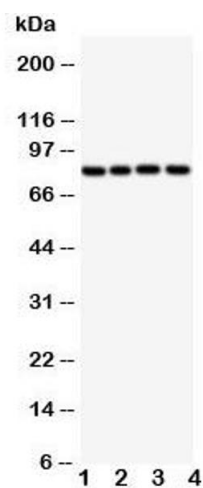
Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the Transcription factor Sp4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only
Handling	
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the Sp4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of Sp4 antibody and Lane 1: rat spleen



Western Blotting

Image 2. Western blot testing of Sp4 antibody and Lane 1: rat spleen; and human samples 2: SGC; 3: HeLa; 4: Jurkat; 5: A549 cell lysate