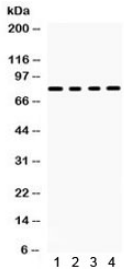
SP4 Antibody (R32183)

Catalog No.	Formulation	Size
R32183	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q02446
Localization	Nuclear
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This SP4 antibody is available for research use only.



Western blot testing of 1) rat brain, 2) mouse brain, 3) human U87 and 4) HeLa lysate with SP4 antibody. Predicted/observed molecular weight ~82 kDa.

Description

SP4 (Sp4 transcription factor), also known as Transcription factor Sp4, MGC130008, MGC130009, SPR-1, HF1B, is a protein that in humans is encoded by the SP4 gene. It is a multigene family of SP proteins. Northern blot analysis that SP4 is abundantly expressed as a 7.5-kb message in brain, but barely detectable in other human cell lines. SP4 is an activator protein like SP1. However, in contrast to SP1, SP4 is not able to act synergistically through adjacent binding sites.

Application Notes

Optimal dilution of the SP4 antibody should be determined by the researcher.

Immunogen

Amino acids AVSPDQLTQVHLQQGQQTSDQEVQPGKRL of human SP4 were used as the immunogen for the SP4 antibody.

Storage

After reconstitution, the SP4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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