Datasheet for ABIN1695057

anti-Sp3 antibody (AA 651-750) (AbBy Fluor® 488)

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Overview

Quantity:	100 µL
Target:	Sp3
Binding Specificity:	AA 651-750
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sp3 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SP3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Sp3
Alternative Name:	SP3 (Sp3 Products)
Background:	Synonyms: D130027J01Rik, DKFZp686O1631, GC binding transcription factor Sp 3, GC binding

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Target Details

	transcription factor Sp3, MGC105187, OTTMUSP00000014207, SP 3, Sp 3 transcription factor, SP3, Sp3 transcription factor, SP3_HUMAN, Specicity protein 3, SPR 2, SPR-2, SPR2, Transcription factor SP 3, Transcription factor SP3, Transcription factor Sp3. Background: The Sp transcription factor family includes Sp1, Sp2, Sp3 (SPR-2) and Sp4 (SPR-1). Sp transcription factors share similar structures but do not share simi-lar functions. All four proteins contain a highly conserved DNA-binding domain composed of three zinc fingers at the C-terminus. Sp family members bind the consensus sequence GGGGCGGGGC and other closely related sequences which are known as GC boxes. Sp1, Sp3 and Sp4 share a high affinity for GC boxes while Sp2 does not. Sp2 only weakly binds to GT boxes. Sp1, Sp2 and Sp3 are ubiquitously expressed, while Sp4 is abundantly expressed in brain with limited expression in other tissues. Sp1 and Sp3, but not Sp2 or Sp4, interact with E2, a regulatory element for the 4 subunit of neuronal nicotinic acetylcholine receptors. Sp3 is the only Sp member to inhibit Sp1 and Sp4 media

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months