

SP3 Polyclonal Antibody | anti-SP3 antibody

Anti-SP3 Antibody

CATALOG # AAA46474	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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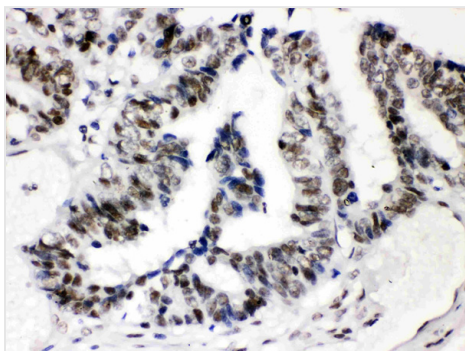
PRODUCT SYNONYMS

SP3; Polyclonal Antibody; Anti-SP3 Antibody; Transcription factor Sp3; D130027J01Rik; DKFZp686O1631; GC binding transcription factor Sp 3; GC binding transcription factor Sp3; MGC105187; OTTMUSP00000014207; SP 3; Sp 3 transcription factor; Sp3 transcription factor; SP3_HUMAN; Specificity protein 3; SPR 2; SPR-2; SPR2; Transcription factor SP 3; anti-SP3 antibody

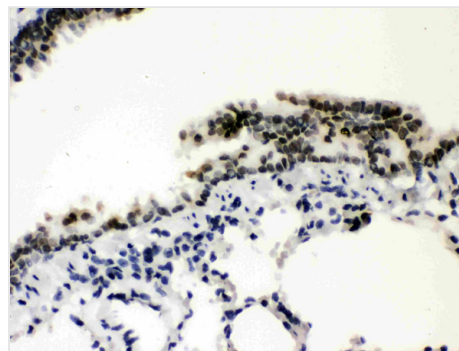
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	713
Applicable Applications for anti-SP3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SP3 (569-599aa NTNDLTHLRVQVVDEEGDQQHQEGKRLRRVA), identical to the related mouse sequence.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

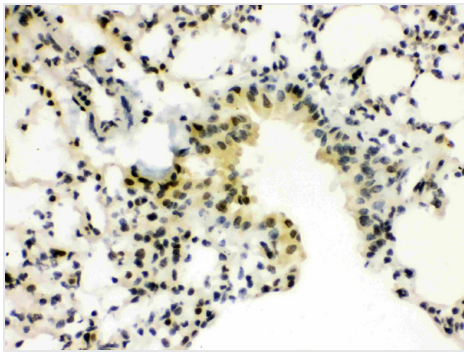
IMAGES



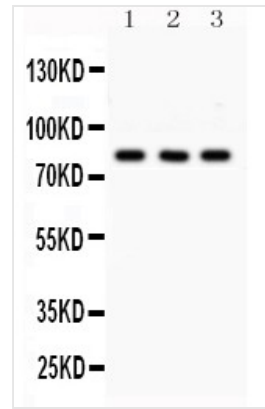
IHC (Immunohistochemistry)
Anti- SP3 Picoband antibody, AAA46474, IHC(P)IHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)
Anti- SP3 Picoband antibody, AAA46474, IHC(P)IHC(P): Rat Lung Tissue



IHC (Immunohistochemistry)
Anti- SP3 Picoband antibody, AAA46474, IHC(P)IHC(P): Mouse Lung Tissue



WB (Western Blot)
Anti- SP3 Picoband antibody, AAA46474, Western blottingAll lanes: Anti SP3 (AAA46474) at 0.5ug/mlLane 1: PC-12 Whole Cell Lysate at 40ugLane 2: HEPA Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugPredicted bind size: 82KDObserved bind size: 82KD

ADDITIONAL INFORMATION

Related Product Information for anti-SP3 antibody	Description: Rabbit IgG polyclonal antibody for Transcription factor Sp3(SP3) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Sp3 transcription factor, also known as SP3, refers to both a protein and the gene it is encoded by. This gene belongs to a family of Sp1 related genes that encode transcription factors that regulate transcription by binding to consensus GC- and GT-box regulatory elements in target genes. And this protein contains a zinc finger DNA-binding domain and several transactivation domains, and has been reported to function as a bifunctional transcription factor that either stimulates or represses the transcription of numerous genes. Transcript variants encoding different isoforms have been described for this gene, and one has been reported to initiate translation from a non-AUG (AUA) start codon. Additional isoforms, resulting from the use of alternate downstream translation initiation sites, have also been noted. A related pseudogene has been identified on chromosome 13.
References	1. "Entrez Gene: SP3 Sp3 transcription factor". 2. Sun, Jian-Min; Chen Hou Yu; Moniwa Mariko; Litchfield David W; Seto Edward; Davie James R (September 2002). "The transcriptional repressor Sp3 is associated with CK2-phosphorylated histone deacetylase 2". J. Biol. Chem.(United States) 277 (39): 35783-6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	289577125
NCBI GeneID	6670
NCBI Accession #	NP_001017371.3
NCBI GenBank Nucleotide #	NM_001017371.4
UniProt Accession #	Q02447; Q69B26; Q69B27; Q8TD56; Q8WWU4; Q9BQR1; A0AVL9; B4E2B7
Molecular Weight	76,814 Da
NCBI Official Full Name	transcription factor Sp3 isoform 2
NCBI Official Synonym Full Names	Sp3 transcription factor
NCBI Official Symbol	SP3
NCBI Official Synonym Symbols	SPR2
NCBI Protein Information	transcription factor Sp3
UniProt Protein Name	Transcription factor Sp3
UniProt Gene Name	SP3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sp3-antibody-immunohistochemistry-western-blot-elisa/46474>