

Rabbit SP3 Polyclonal Antibody | anti-SP3 antibody

SP3 antibody - middle region

CATALOG # AAA197568	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

SP3; Polyclonal Antibody; SP3 antibody - middle region; anti-SP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TA GINADGHLIN TGQAMDSSDN SERTGERVSP DINETNTDTD LFVPTSSS
Sequence Length	781
Applicable Applications for anti-SP3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SP3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



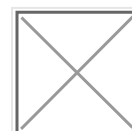
WB (Western Blot)

WB Suggested Anti-SP3 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Muscle


WB (Western Blot)

Host: Mouse
Target Name: SP3
Sample Tissue: Mouse Skeletal Muscle
Antibody Dilution: 1ug/ml


WB (Western Blot)

Sample Type: Human U2OS
Sample Type: Human nuclear cell extracts (30ug)
Primary Dilution: 1:1000
Secondary Antibody: anti-Rabbit HRP
Secondary Dilution: 1:20000
Image Submitted By: Katarina Luciakova
Cancer Research Institute
See Customer Feedback tab for detailed information.
SP3 is supported by BioGPS gene expression data to be expressed in U2OS


IHC (Immunohistochemistry)

Immunohistochemistry with Human Prostate lysate tissue at an antibody concentration of 5.0ug/ml using anti-SP3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SP3 antibody	This is a rabbit polyclonal antibody against SP3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SP3 is a transcriptional factor that can act as an activator or repressor, probably in a isoform-specific manner. SP3 binds to GT and GC boxes promoters elements.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. 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.
Product Categories/Family for anti-SP3 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	289577125
NCBI GeneID	6670
NCBI Accession #	NP_003102
NCBI GenBank Nucleotide #	NM_003111
UniProt Accession #	Q02447
Molecular Weight	82kDa
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
UniProt Entry Name	SP3_HUMAN

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-western-blot-immunohistochemistry-elisa/197568>