

Datasheet for ABIN3043350
anti-Sp3 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	Sp3
Binding Specificity:	AA 569-599, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sp3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Transcription factor Sp3(SP3) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human SP3 (569-599aa NTNDLTHLRVQVVDEEGDQQHQEGKRLRRVA), identical to the related mouse sequence.
Sequence:	NTNDLTHLRV QVVDEEGDQQ HQEGKRLRRV A
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Transcription factor Sp3(SP3) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: Sp3 transcription factor Protein Name: Transcription factor Sp3

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: Sp3

Alternative Name: SP3 ([Sp3 Products](#))

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.

Synonyms: D130027J01Rik antibody|DKFZp686O1631 antibody|GC binding transcription factor Sp 3 antibody|GC binding transcription factor Sp3 antibody|MGC105187 antibody|OTTMUSP00000014207 antibody|SP 3 antibody|Sp 3 transcription factor antibody|SP3 antibody|Sp3 transcription factor antibody|SP3_HUMAN antibody|Specificity protein 3 antibody|SPR 2 antibody|SPR-2 antibody|SPR2 antibody|Transcription factor SP 3 antibody|Transcription factor Sp3 antibody

Gene ID: 6670

UniProt: [Q02447](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Other applications have not been tested.
Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by

Application Details

ABIN921231 in IHC(P).

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na₂HPO₄, 0.05 mg Sodium azide.

Preservative: Sodium azide

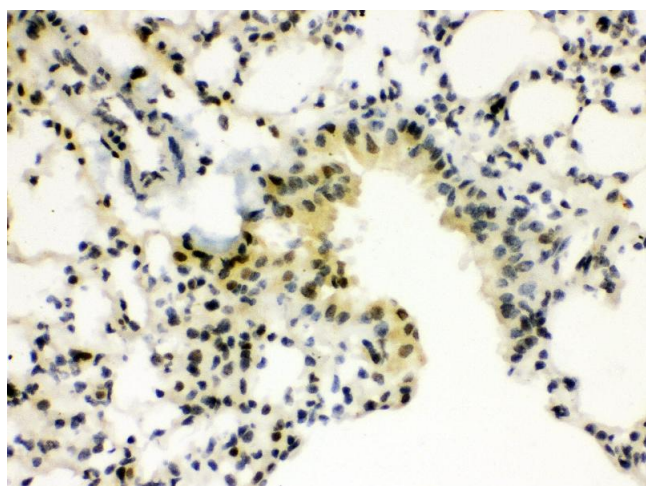
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

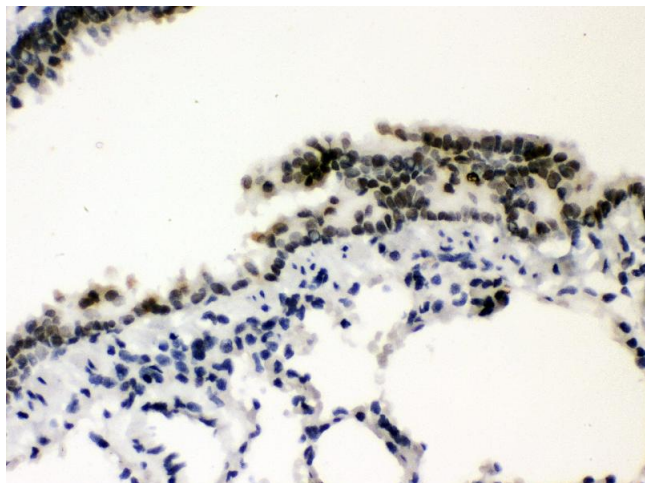
Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



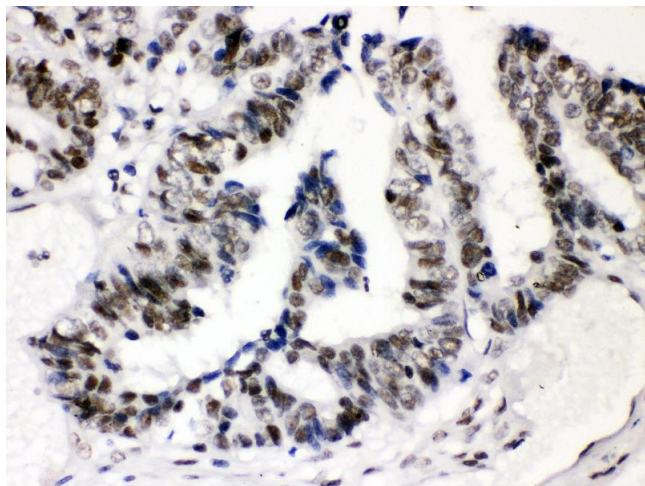
Immunohistochemistry (Paraffin-embedded Sections)

Image 1.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2.



Immunohistochemistry

Image 3. IHC(P): Human Intestinal Cancer Tissue

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3043350.