

Anti-Sp5 Picoband Antibody

Catalog # ABO12133

Product Information

Application	WB, IHC-P
Primary Accession	Q6BEB4
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Transcription factor Sp5(SP5) detection. Tested with WB, IHC-P in Human.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	389058
Other Names	Transcription factor Sp5, SP5
Calculated MW	41964
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Nucleus .
Source	Eukaryota
Protein Name	Transcription factor Sp5
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Sp5 (246-275aa DFAQYQSQIAALLQTKAPLAATARRCRRCR), identical to the related mouse sequence.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	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.
Sequence Similarities	Belongs to the Sp1 C2H2-type zinc-finger protein family.

Protein Information

Name	SP5
Function	Binds to GC boxes promoters elements. Probable transcriptional activator that has a role in the coordination of changes in transcription required to generate pattern in the developing embryo (By similarity).
Cellular Location	Nucleus.

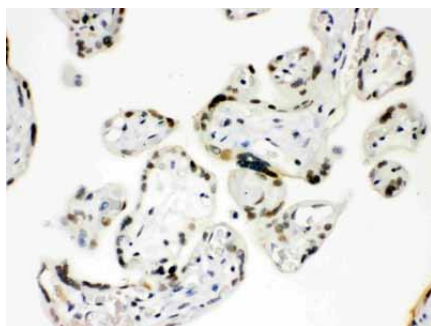
Background

Sp5 is mapped to 2q31.1. It is a member of the Sp family of zinc finger transcription factors. Like other family members, the Sp5 protein contains a Cys2His2 zinc finger DNA binding domain at the C-terminus. Elevated expression of Sp5 has been noted in several human tumors including hepatocellular carcinoma, gastric cancer and colon cancer.

Images



Anti- SP5 Picoband antibody, ABO12133, Western blotting
All lanes: Anti SP5 (ABO12133) at 0.5ug/ml
WB: MCF-7 Whole Cell Lysate at 40ug
Predicted bind size: 42KD
Observed bind size: 42KD



Anti- SP5 Picoband antibody, ABO12133, IHC(P)
IHC(P): Human Placenta Tissue

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.