

Sp1 (Acetyl Lys703) rabbit pAb

Cat No.: ES20126

For research use only

Overview

Product Name Sp1 (Acetyl Lys703) rabbit pAb

Host species Rabbit
Applications WB;IHC

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions WB 1:500-2000;IHC-p 1:50-300

Immunogen Synthesized peptide derived from human Sp1

(Acetyl Lys703)

Specificity This antibody detects endogenous levels of

Human, Mouse, Rat Sp1 (Acetyl Lys703)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Sp1 (Acetyl Lys703)

Gene Name SP1 TSFP1

Cellular localization Nucleus. Cytoplasm. Nuclear location is governed by

glycosylated/phosphorylated states. Insulin promotes nuclear location, while glucagon favors

cytoplasmic location.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

ClonalityPolyclonalConcentration1 mg/mlObserved band90kDHuman Gene ID6667Human Swiss-Prot NumberP08047

Alternative Names Transcription factor Sp1

Background function:Binds to GC box promoters elements and

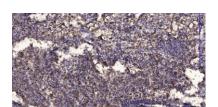
selectively activates mRNA synthesis from genes that contain functional recognition sites. Can interact with G/C-rich motifs from serotonin receptor promoter.,PTM:O-glycosylated; contains N-acetylglucosamine side chains.,similarity:Belongs



+86-27-59760950 ELKbio@ELKbiotech.com w



to the Sp1 C2H2-type zinc-finger protein family., similarity: Contains 3 C2H2-type zinc fingers., subunit: Interacts with ATF7IP, ATF7IP2, POGZ, HCFC1, AATF and PHC2. Interacts with varicella-zoster virus IE62 protein and HIV-1 Vpr. Interacts with SV40 VP2/3 proteins. Interacts with SV40 major capsid protein VP1; this interaction leads to a cooperativity between the two proteins in DNA binding.,



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

