



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.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	90kD
Human Gene ID	6667
Human Swiss-Prot Number	P08047
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





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).

