SP1 (Acetyl Lys703) Rabbit pAb

CatalogNo: YK0169

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,IHC

MW
- 90kD (Observed)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000
IHC 1:50-300

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human SP1 (Acetyl Lys703)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat SP1 (Acetyl Lys703).The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):LSkHI

Target Information

Gene name SP1 TSFP1

Protein Name Sp1 (Acetyl Lys703)

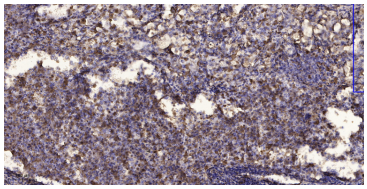
Organism	Gene ID	UniProt ID
Human	6667;	P08047;
Mouse	20683;	O89090;
Rat	24790;	Q01714;

Cellular Localization Nucleus. Cytoplasm. Nuclear location is governed by glycosylated/phosphorylated states. Insulin promotes nuclear location , while glucagon favors cytoplasmic location.

Tissue specificity Up-regulated in adenocarcinomas of the stomach (at protein level) . Isoform 3 is ubiquitously expressed at low levels.

Function skeletal system development , ossification , eye development , in utero embryonic development , blastocyst development , blastocyst formation , trophectodermal cell differentiation , liver development , placenta development ,embryonic placenta development , immune system development , transcription , regulation of transcription , DNA-dependent , regulation of transcription from RNA polymerase II promoter , regulation of transcription from RNA polymerase II promoter , global , sensory organ development , female pregnancy , embryonic development ending in birth or egg hatching , positive regulation of biosynthetic process , positive regulation of macromolecule biosynthetic process , positive regulation of macromolecule metabolic process , positive regulation of gene expression , hemopoiesis ,myeloid cell differentiation , erythrocyte differentiation , megakaryocyte differentiation , respiratory tube development ,lung development , embryonic camera-type eye development , positive regulation of cellular biosynthetic process ,multicellular organism reproduction , erythrocyte homeostasis , tube development , homeostatic process , chordate embryonic development , camera-type eye development , enucleate erythrocyte differentiation , regulation of transcription , positive regulation of transcription from RNA polymerase II promoter , global , positive regulation of transcription , DNA-dependent , positive regulation of nucleobase , nucleoside , nucleotide and nucleic acid metabolic process , positive regulation of transcription , positive regulation of transcription from RNA polymerase II promoter ,embryonic eye morphogenesis , hemopoietic or lymphoid organ development , embryonic organ morphogenesis ,embryonic organ development , eye morphogenesis , camera-type eye morphogenesis , embryonic camera-type eye morphogenesis , embryonic morphogenesis , reproductive process in a multicellular organism , embryonic skeletal system development , homeostasis of number of cells , positive regulation of nitrogen compound metabolic process ,regulation of RNA metabolic process , positive regulation of RNA metabolic process , embryonic process involved in female pregnancy , definitive hemopoiesis , bone development , respiratory system development ,

Validation Data



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).

Contact information

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