

Sp1 (phospho Thr453) Polyclonal Antibody

Catalog No: #13515

Package Size: #13515-1 50ul #13515-2 100ul

Description

Product Name	Sp1 (phospho Thr453) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF/ICC,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Sp1 (T453) Polyclonal Antibody detects endogenous levels of Sp1 protein only when phosphorylated at T453.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human SP1 around the phosphorylation site of Thr453. AA range:421-470
Conjugates	Unconjugated
Other Names	SP1; TSFP1; Transcription factor Sp1
Accession No.	Swiss Prot:P08047GeneID:6667
SDS-PAGE MW	90
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

Background

Sp1 transcription factor(SP1) Homo sapiens The protein encoded by this gene is a zinc finger transcription factor that binds to GC-rich motifs of many promoters. The encoded protein is involved in many cellular processes, including cell differentiation, cell growth, apoptosis, immune responses, response to DNA damage, and chromatin remodeling. Post-translational modifications such as phosphorylation, acetylation, glycosylation, and proteolytic processing significantly affect the activity of this protein, which can be an activator or a repressor. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2014],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.