

SP1 Antibody

Catalog No: #37251

Package Size: #37251-1 50ul #37251-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

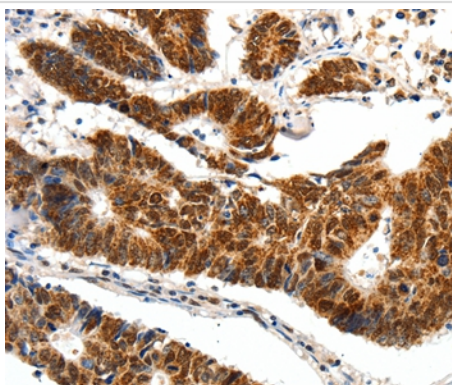
Description

Product Name	SP1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total SP1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Sp1 transcription factor
Conjugates	Unconjugated
Target Name	SP1
Other Names	SP1; Sp1 transcription factor; specificity protein 1; Transcription factor Sp1; TSFP1
Accession No.	Swiss-Prot#: P08047NCBI Gene ID: 6667Gene Accssion: NP_612482.2
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Storage	Store at -20°C

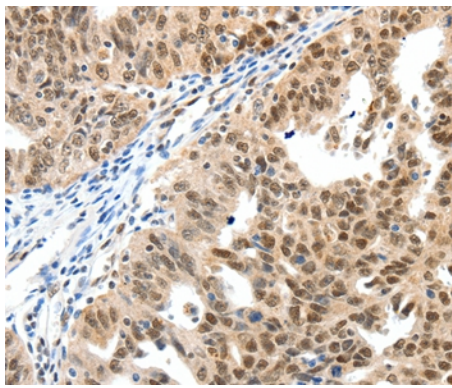
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #37251 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using #37251 at dilution 1/40.

Background

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.

Published Papers

el at., Long nonβ • coding RNAs MALAT1 and NEAT1 in nonβ • syndromic orofacial cleftsIn Oral Dis On2023 MaybyErrui Wang , Yumeng Guo et al..PMID:35255186, , (2023)

[PMID:35255186](#)

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