ZNF143 Antibody

Catalog No: #43787

Orders: order@signalwayantibody.com
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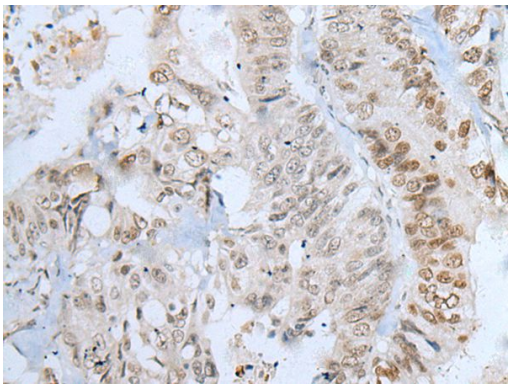
Description

Product Name	ZNF143 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total ZNF143 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human ZNF143
Target Name	ZNF143
Other Names	SBF; STAF; pHZ-1
Accession No.	Swiss-Prot#: P52747NCBI Gene ID: 7702
Uniprot	P52747
GeneID	7702;
Concentration	0.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1: 10-50

Images



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ZNF143 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

ZNF143 (zinc finger protein 143), also known as SBF, STAF or pHZ-1, is a 626 amino acid protein that contains seven C2H2-type zinc fingers and belongs to the GLI (glioma-associated oncogene) C2H2-type zinc-finger family. Localized to the nucleus and expressed ubiquitously with highest expression in ovaries, ZNF143 functions as a transcriptional activator that, via its C2H2-type zinc domains, binds to the SPH motif found in the promotors of small nuclear RNAs (snRNA). Through its ability to bind the promotors of various snRNA genes, ZNF143 controls the subsequent

expression of the corresponding protein products. ZNF143 expression is induced upon DNA damage, suggesting an important role for ZNF143 in DNA repair events.

Note: This product is for in vitro research use only