Product Datasheet

# ZNF143 Antibody

Catalog No: #43787

Package Size: #43787-1 50ul #43787-2 100ul

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

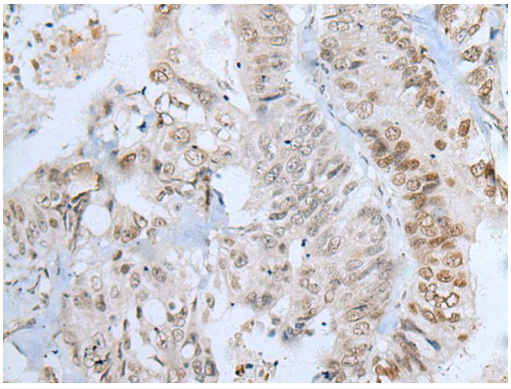
## Description

| | |
|---|---|
| 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 |
| 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 and is not intended for use in humans or animals.