

## ZNF143 Conjugated Antibody

Catalog No: #C43787



Package Size: #C43787-AF350 100ul #C43787-AF405 100ul #C43787-AF488 100ul  
 #C43787-AF555 100ul #C43787-AF594 100ul #C43787-AF647 100ul  
 #C43787-AF680 100ul #C43787-AF750 100ul #C43787-Biotin 100ul

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## Description

Product Name	ZNF143 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total ZNF143 protein.
Immunogen Description	Synthetic peptide of human ZNF143
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SBF;STAF;pHZ-1
Accession No.	Swiss-Prot#:P52747NCBI Gene ID:7702NCBI Protein#:NP_003433
Uniprot	P52747
GeneID	7702;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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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 promoters of small nuclear RNAs (snRNA). Through its ability to bind the promoters 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.

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Note: This product is for in vitro research use only