

YBX1 Conjugated Antibody

Catalog No: #C31310



Package Size: #C31310-AF350 100ul #C31310-AF405 100ul #C31310-AF488 100ul #C31310-AF555 100ul #C31310-AF594 100ul
 #C31310-AF647 100ul #C31310-AF680 100ul #C31310-AF750 100ul #C31310-Biotin 100ul #C31310-Conjugated 50ul

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

Description

Product Name	YBX1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB, IF
Species Reactivity	Hu,Ms,Rt
Immunogen Description	A synthetic peptide of human YBX1 (NP_004550.2).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	YBX1; BP-8; CBF-A; CSDA2; CSDB; DBPB; EFI-A; MDR-NF1; NSEP-1; NSEP1; YB-1; YB1; Y-box binding protein 1
Accession No.	Swiss-Prot#:P67809NCBI Gene ID:4904
Calculated MW	49kDa
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

WB: 1:50-1:200

IF:1:50-1:200

Background

This gene encodes a highly conserved cold shock domain protein that has broad nucleic acid binding properties. The encoded protein functions as both a DNA and RNA binding protein and has been implicated in numerous cellular processes including regulation of transcription and translation, pre-mRNA splicing, DNA repair and mRNA packaging. This protein is also a component of messenger ribonucleoprotein (mRNP) complexes and may have a role in microRNA processing. This protein can be secreted through non-classical pathways and functions as an extracellular mitogen. Aberrant expression of the gene is associated with cancer proliferation in numerous tissues. This gene may be a prognostic marker for poor outcome and drug resistance in certain cancers. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on multiple chromosomes.

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