

YBOX1 / YB-1 Conjugated Antibody

Catalog No: #C48232



Package Size: #C48232-AF350 100ul #C48232-AF405 100ul #C48232-AF488 100ul
 #C48232-AF555 100ul #C48232-AF594 100ul #C48232-AF647 100ul
 #C48232-AF680 100ul #C48232-AF750 100ul #C48232-Biotin 100ul

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

Description

Product Name	YBOX1 / YB-1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BP 8 antibody CBF-A antibody CCAAT binding transcription factor I subunit A antibody CCAAT-binding transcription factor I subunit A antibody CSDA2 antibody CSDB antibody DBPB antibody DNA binding protein B antibody DNA-binding protein B antibody EFl-A antibody Enhancer factor I subunit A antibody MDR NF1 antibody MGC104858 antibody MGC110976 antibody MGC117250 antibody NSEP 1 antibody NSEP1 antibody Nuclease sensitive element binding protein 1 antibody Nuclease-sensitive element-binding protein 1 antibody p50 antibody Q15905 antibody Y-box binding protein 1 antibody Y-box transcription factor antibody Y-box-binding protein 1 antibody YB 1 antibody YB-1 antibody YBOX1_HUMAN antibody YBX 1 antibody ybx1 antibody
Accession No.	Swiss-Prot#:Q9Y2T7
Uniprot	Q9Y2T7
GeneID	51087;
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
Calculated MW	40kDa
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

MSY2 and YB-2 (MSY3,4) belong to the Y-box family of multifunctional proteins that regulate both transcription and translation. Y-box proteins interact with a wide variety of nucleic acid structures to act as transcription factors and mRNA masking proteins. The modular structure of Y-box proteins includes a highly conserved N-terminal cold-shock domain (CSD, equivalent to the bacterial cold-shock proteins) and four basic C-terminal domains containing arginine clusters and aromatic residues. MSY2 is expressed in testis and ovary where it may repress translation of parental mRNA. The gene encoding human MSY2 maps to chromosome 17p11.2-13.1. YB-2 (MSY3,4 in mouse) is also known as DNA binding protein A and is highly expressed in the testis, heart and muscle. MSY2 and YB-2 bind to the consensus sequence 5'-UCCAUCA-3' contained in the Y-box element.

Note: This product is for in vitro research use only