



Human YBX2 peptide (DAG-P0851)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a nucleic acid binding protein which is highly expressed in germ cells. The encoded protein binds to a Y-box element in the promoters of certain genes but also binds to mRNA transcribed from these genes. Pseudogenes for this gene are located on chromosome 10 and 15. [provided by RefSeq, Feb 2012]
Specificity	Expressed in oocytes and testicular germ cells in the stage of spermatogonia to spermatocyte. Also observed placental trophoblasts, as well as in vascular smooth muscle cells in the pulmonary artery, myocardium, and skeletal muscle. Undetectable in epithe
Conjugate	Unconjugated
Sequence Similarities	Contains 1 CSD (cold-shock) domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	YBX2 Y box binding protein 2 [Homo sapiens (human)]
Official Symbol	YBX2
Synonyms	YBX2; Y box binding protein 2; DBPC; MSY2; CSDA3; CONTRIN; Y-box-binding protein 2; MSY2 homolog; DNA-binding protein C; germ cell specific Y-box binding protein; germ cell-specific Y-box-binding protein;
Entrez Gene ID	51087

mRNA Refseq	NM_015982.3
Protein Refseq	NP_057066.2
UniProt ID	Q9Y2T7
Chromosome Location	17p13.1
Function	DNA binding; chromatin binding; lipid binding; mRNA 3-UTR binding; ribonucleoprotein complex binding; translation regulator activity;