



Anti-YBX1 (aa 51-139) polyclonal antibody (DPAB-DC2055)

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

PRODUCT INFORMATION

Antigen Description	YBX1 (Y box binding protein 1) is a protein-coding gene. Diseases associated with YBX1 include liposarcoma, and brain glioma, and among its related super-pathways are mRNA Processing and Generic Transcription Pathway. GO annotations related to this gene include double-stranded DNA binding and sequence-specific DNA binding transcription factor activity. An important paralog of this gene is YBX3.
Immunogen	YBX1 (NP_004550, 51 a.a. ~ 139 a.a) partial recombinant protein with GST tag. The sequence is DKKVIATKVLGTVKWFNVRNGYGFNRNDTKEDVFVHQTAIKKNNPRKYLRVSGDGETVE FDVVEGEKGAEAAANVTGPGGVPVQGSKYA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	YBX1 Y box binding protein 1 [Homo sapiens (human)]
Official Symbol	YBX1
Synonyms	YBX1; Y box binding protein 1; YB1; BP-8; CSDB; DBPB; YB-1; CSDA2; NSEP1; NSEP-1; MDR-NF1; nuclease-sensitive element-binding protein 1; CBF-A; EFI-A; DNA-binding protein B; Y-box-binding protein 1; Y-box transcription factor; enhancer factor I subunit A; nuclease sensitive element binding protein 1; CCAAT-binding transcription factor I subunit A; major histocompatibility complex, class II, Y box-binding protein I;
Entrez Gene ID	4904
Protein Refseq	NP_004550
UniProt ID	P67809
Chromosome Location	1p34
Pathway	BDNF signaling pathway; Processing of Capped Intron-Containing Pre-mRNA; Signaling events mediated by PTP1B; mRNA Splicing - Major Pathway
Function	DNA binding; RNA binding; double-stranded DNA binding; poly(A) RNA binding