



Anti-MYBL2 (aa 601-700) polyclonal antibody (DPAB-DC1977)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene, a member of the MYB family of transcription factor genes, is a nuclear protein involved in cell cycle progression. The encoded protein is phosphorylated by cyclin A/cyclin-dependent kinase 2 during the S-phase of the cell cycle and possesses both activator and repressor activities. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Two transcript variants encoding different isoforms have been found for this gene.
Immunogen	MYBL2 (AAH53555, 601 a.a. ~ 700 a.a) partial recombinant protein with GST tag. The sequence is TLPKSLSLPTTAPSNSSSLTSGIKEDNSLLNQGFQAKPEKAABAQKPRSHFTTPAPMS SAWKTVACGGTRDQLFMQEKARQLLGRKPSHTSRTLILS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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	MYBL2 v-myb avian myeloblastosis viral oncogene homolog-like 2 [Homo sapiens (human)]
Official Symbol	MYBL2
Synonyms	MYBL2; v-myb avian myeloblastosis viral oncogene homolog-like 2; BMYB; B-MYB; myb-related protein B; myb-like protein 2; v-myb myeloblastosis viral oncogene homolog-like 2;
Entrez Gene ID	4605
Protein Refseq	NP_001265539
UniProt ID	P10244
Chromosome Location	20q13.1
Pathway	Cell Cycle; E2F transcription factor network; G2/M Transition; HTLV-I infection
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; chromatin binding;