



Anti-POLR2H (full length) polyclonal antibody (DPAB-DC2319)

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

PRODUCT INFORMATION

Antigen Description	The three eukaryotic RNA polymerases are complex multisubunit enzymes that play a central role in the transcription of nuclear genes. This gene encodes an essential and highly conserved subunit of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III. Alternative splicing results in multiple transcript variants of this gene.
Immunogen	POLR2H (AAH00739, 1 a.a. ~ 150 a.a) full-length recombinant protein with GST tag. The sequence is MAGILFEDIFDVKDIDPEGKKFDRVSRHCESESFKMDLILDVNIQIYPVDLGDKFRLVI ASTLYEDGTLDDGEYNPTDDRPSRADQFEYVMYGKVYRIEGDETSTEATRSLAYVSYGG LLMRLQGDANNLHGFVDSRVYLLMKKLAF
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	POLR2H polymerase (RNA) II (DNA directed) polypeptide H [Homo sapiens (human)]
Official Symbol	POLR2H
Synonyms	POLR2H; polymerase (RNA) II (DNA directed) polypeptide H; RPB8; RPB17; RPABC3; DNA-directed RNA polymerases I, II, and III subunit RPABC3; RPB8 homolog; DNA-directed RNA polymerase II subunit H; DNA-directed RNA polymerases I, II, and III 17.1 kDa polypeptide;
Entrez Gene ID	5437
Protein Refseq	NP_001265627
UniProt ID	P52434
Chromosome Location	3q28
Pathway	Abortive elongation of HIV-1 transcript in the absence of Tat; Cytosolic sensors of pathogen-associated DNA; Disease; Epigenetic regulation of gene expression
Function	DNA binding; contributes_to RNA polymerase I activity; contributes_to RNA polymerase II activity; contributes_to RNA polymerase III activity