



Mouse anti-Human CPSF3 polyclonal antibody (DPAB-DC2197)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the metallo-beta-lactamase family. The encoded protein is a 73kDa subunit of the cleavage and polyadenylation specificity factor and functions as an endonuclease that recognizes the pre-mRNA 3-cleavage site AAUAAA prior to polyadenylation. It also cleaves after the pre-mRNA sequence ACCCA during histone 3-end pre-mRNA processing.
Immunogen	CPSF3 (NP_057291, 585 a.a. ~ 684 a.a) partial recombinant protein with GST tag. The sequence is LEVQSNPKIRKGAVQKVSKLEMHVYSKRLEIMLQDIFGEDCVSVKDDSILSVTVDGKTA NLNLETRTVECEEGSEDDESLSREMVELAAQRLYEALTPVH
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	CPSF3 cleavage and polyadenylation specific factor 3, 73kDa [Homo sapiens (human)]
Official Symbol	CPSF3
Synonyms	CPSF3; cleavage and polyadenylation specific factor 3, 73kDa; CPSF73; CPSF-73; cleavage and polyadenylation specificity factor subunit 3; mRNA 3-end-processing endonuclease CPSF-73;
Entrez Gene ID	51692
Protein Refseq	NP_057291
UniProt ID	Q9UKF6
Chromosome Location	2p25.1
Pathway	Cleavage of Growing Transcript in the Termination Region; Processing of Capped Intron-Containing Pre-mRNA; Processing of Intronless Pre-mRNAs; RNA Polymerase II Transcription Termination
Function	5'-3' exonuclease activity; RNA binding; endoribonuclease activity; metal ion binding
