

CPSF6 Rabbit pAb

CatalogNo: YN0606

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 60kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity CPSF6 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name CPSF6 CFIM68

Protein Name	Cleavage and polyadenylation specificity factor subunit 6 (Cleavage and polyadenylation specificity factor 68 kDa subunit) (CFIm68) (CPSF 68 kDa subunit) (Pre-mRNA cleavage factor Im 68 kDa subunit) (Protein HPBRIL-4/7)		
	Organism	Gene ID	UniProt ID
	Human	11052 ;	Q16630 ;
	Mouse		Q6NVF9 ;
Cellular Localization	Nucleus . Nucleus, nucleoplasm . Nucleus speckle . Cytoplasm . Shuttles between the nucleus and the cytoplasm in a transcription- and XPO1/CRM1-independent manner, most probably in complex with the cleavage factor Im complex (CFIm) (PubMed:19864460). Colocalizes with PSPC1 in punctate subnuclear structures often located adjacent to nuclear speckles, called paraspeckles, and corresponding to interchromatin granules-associated zones (IGAZs) (PubMed:17267687). Distribution in speckles and paraspeckles varies during the cell cycle (PubMed:17267687). Associates at sites of active transcription on nascent perichromatin fibrils (PFs) and perichromatin granules (PubMed:17267687). Nuclear import is mediated via interaction with TNPO3 independently of CPSF6 phosphorylation status (PubMed:30916345). .		
Tissue specificity	Heart,Kidney,Leukemia,		
Function	Function:Component of the cleavage factor Im complex (CFIm) that plays a key role in pre-mRNA 3'-processing. Involved in association with NUDT21/CPSF5 in pre-mRNA 3'-end poly(A) site cleavage and poly(A) addition. CPSF6 binds to cleavage and polyadenylation RNA substrates.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the RRM CPSF6/7 family.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subcellular location:In punctate subnuclear structures localized adjacent to nuclear speckles, called paraspeckles.,subunit:Component of the cleavage factor Im (CFIm) complex, composed at least of NUDT21/CPSF5 and CPSF6 or CPSF7. Interacts with NUDT21/CPSF5, SFRS3, SFRS7, SNRNP70 and TRA2B/SFRS10.,		

| Validation Data

| Contact information

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