

CHTF18 Rabbit pAb

CatalogNo: YN8125

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 107kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

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 human CHTF18

Specificity

This antibody detects endogenous levels of CHTF18 at Human, Mouse

Target Information

Gene name

CHTF18 C16orf41 CTF18

Protein Name	Chromosome transmission fidelity protein 18 homolog (hCTF18) (CHL12)		
	Organism	Gene ID	UniProt ID
	Human	63922 ;	Q8WVB6 ;
	Mouse	214901 ;	Q8BIW9 ;
Cellular Localization	Nucleus . Associates with chromatin during S phase.		
Function	Chromosome cohesion factor involved in sister chromatid cohesion and fidelity of chromosome transmission. Component of one of the cell nuclear antigen loader complexes, CTF18-replication factor C (CTF18-RFC), which consists of CTF18, CTF8, DCC1, RFC2, RFC3, RFC4 and RFC5. The CTF18-RFC complex binds to single-stranded and primed DNAs and has weak ATPase activity that is stimulated by the presence of primed DNA, replication protein A (RPA) and by proliferating cell nuclear antigen (PCNA). The CTF18-RFC complex catalyzes the ATP-dependent loading of PCNA onto primed and gapped DNA. Interacts with and stimulates DNA polymerase POLH. During DNA repair synthesis, involved in loading DNA polymerase POLE at the sites of local damage .		

| Validation Data

| Contact information

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Please scan the QR code
 to access additional
 product information:
CHTF18 Rabbit pAb

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Antibody | ELISA Kits | Protein | Reagents