

[Go to Product page](#)

Datasheet for ABIN7113102 **anti-CTF18 antibody**

Overview

Quantity:	100 µg
Target:	CTF18 (CHTF18)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTF18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	CTF18, chromosome transmission fidelity factor 18 homolog
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CTF18 (CHTF18)
Alternative Name:	CHTF18 (CHTF18 Products)
Background:	Synonyms:C16orf41, C321D2.2, C321D2.3, C321D2.4, CHL12, CHTF18, Ctf18, hCTF18, RUVBL Background: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,

Target Details

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. It also interacts with and stimulates DNA polymerase POLH.

Molecular Weight: 120kd

Gene ID: 63922

UniProt: [Q8WVB6](#)

Application Details

Application Notes: WB: 1:500-1:1000, IHC: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months