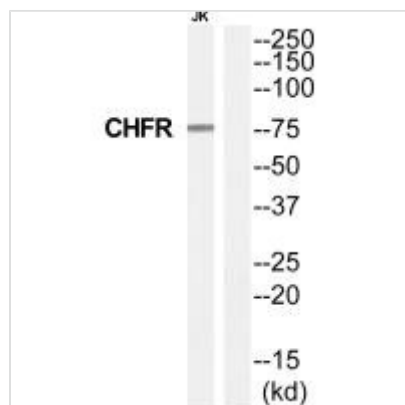




CHFR Antibody

Product Code	CSB-PA972040
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q96EP1
Immunogen	Synthesized peptide derived from Internal of Human CHFR.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total CHFR protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	E3 ubiquitin-protein ligase that functions in the antepase checkpoint by actively delaying passage into mitosis in response to microtubule poisons. Acts in early prophase before chromosome condensation, when the centrosome move apart from each other along the periphery of the nucleus. Probably involved in signaling the presence of mitotic stress caused by microtubule poisons by mediating the 'Lys-48'-linked ubiquitination of target proteins, leading to their degradation by the proteasome. Promotes the ubiquitination and subsequent degradation of AURKA and PLK1. Probably acts as a tumor suppressor, possibly by mediating the polyubiquitination of HDAC1, leading to its degradation. May also promote the formation of 'Lys-63'-linked polyubiquitin chains and functions with the specific ubiquitin-conjugating UBC13-MMS2 (UBE2N-UBE2V2) heterodimer. Substrates that are polyubiquitinated at 'Lys-63' are usually not targeted for degradation, but are rather involved in signaling cellular stress. Scolnick D.M., Nature 406:430-435(2000). Ota T., Nat. Genet. 36:40-45(2004). Scherer S.E., Nature 440:346-351(2006)
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	checkpoint with forkhead and ring finger domains; Checkpoint with forkhead and RING finger domains protein; CHFR; E3 ubiquitin-protein ligase CHFR; FLJ10796
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CHFR
Image	



Western blot analysis of extracts from Jurkat cells, using CHFR antibody.