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Datasheet for ABIN5530173
anti-Chiffon antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	Chiffon (CHIF)
Binding Specificity:	AA 476-504, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Chiffon antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CHFR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 476-504 amino acids from the C-terminal region of human CHFR.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Chiffon (CHIF)
Alternative Name:	CHF (CHIF Products)
Background:	E3 ubiquitin-protein ligase that functions in the antephasis 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

Target Details

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.

Molecular Weight: 73 kDa

Gene ID: 55743

UniProt: [Q96EP1](#)

Application Details

Application Notes: For WB starting dilution is: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

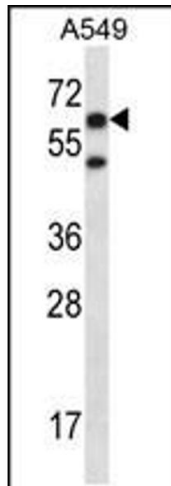
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C,-20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in A549 cell line lysates (35ug/lane).