Datasheet for ABIN630645

anti-CHFR antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	CHFR
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHFR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	CHFR antibody was raised using the N terminal of CHFR corresponding to a region with amino acids REWTIGRRRGCDLSFPSNKLVSGDHCRIVVDEKSGQVTLEDTSTSGTVIN
Specificity:	CHFR antibody was raised against the N terminal of CHFR
Purification:	Affinity purified

Target Details

Target:	CHFR
Alternative Name:	CHFR
Background:	CHFR is an E3 ubiquitin-protein ligase required to transiently arrest cells in early prophase when they are exposed to microtubule poisons. It acts in early prophase before chromosome condensation, when the centrosome moves apart from each other along the periphery of the

Target Details

	nucleus. CHFR probably promotes 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. This suggests that it may be involved in signaling the presence of mitotic stress caused by microtubule poisons.
Molecular Weight:	69 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	CHFR Blocking Peptide, (ABIN5612847), is also available for use as a blocking control in assays to test for specificity of this CHFR antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CHFR antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.