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Datasheet for ABIN7451705
anti-CIZ1 antibody (AA 848-898)

Overview

Quantity:	100 µg
Target:	CIZ1
Binding Specificity:	AA 848-898
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIZ1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-CIZ1 Antibody, Affinity Purified
Immunogen:	between AA 848 and 898
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	CIZ1
Alternative Name:	CIZ1 (CIZ1 Products)
Background:	Background: CIZ1 (Cip1 interacting zinc-finger protein) was identified as a protein that associates with the cell-cycle inhibiting protein, p21 (Cip1/Waf1). CIZ1 is a member of the

Target Details

matrin 3 protein family and has been shown to bind DNA consensus sequences and co-localize with PCNA during replication. In breast cancer cells, CIZ1 was shown to associate with Cdk2 and dynein light chain 1 (DLC1), a cytoskeletal signaling protein involved in cell cycle regulation and tumorigenesis. Studies of the role of CIZ1 in breast tumorigenesis revealed that CIZ1 is an estrogen-responsive gene that functions as a coactivator of the estrogen receptor. Targeted depletion of CIZ1 inhibits entry into S-phase. This finding along with evidence that CIZ1 interacts with multiple cell cycle regulatory proteins and localizes to DNA replication foci, indicates that CIZ1 plays a critical role in the regulation of DNA replication.

Gene ID:	25792
NCBI Accession:	NP_036259
UniProt:	Q9ULV3
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	IP: 2 - 5 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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
Expiry Date:	12 months