

Datasheet for ABIN7255730

anti-ZNF828 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	ZNF828
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF828 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human CHAMP1 (NP_115812.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ZNF828
Alternative Name:	CHAMP1 (ZNF828 Products)
Background:	CHAMP1 (chromosome alignment maintaining phosphoprotein 1), also known as ZNF828 or C13orf8, is a 812 amino acid protein containing one C2H2-type zinc finger. CHAMP1 is required for the proper alignment of chromosomes during metaphase, undergoing CDK1-dependent phosphorylation at multiple sites during mitosis. The phosphorylation counteracts the negative

Target Details

chromosomal alignment regulation of the zinc-finger domain of CHAMP1. One region of CHAMP1, the FPE region, is responsible for spindle and kinetochore localization, which is essential for proper chromosome alignment. CHAMP1 interacts with MAD2L2, PGOZ, CBX1, CBX3 and CBX5, and may recruit CENPE and CENPF to the kinetochore. The CHAMP1 gene is located on chromosome 13 and is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat and chicken.

Gene ID: 283489

UniProt: [Q96JM3](#)

Pathways: [Maintenance of Protein Location](#)

Application Details

Application Notes: IF 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

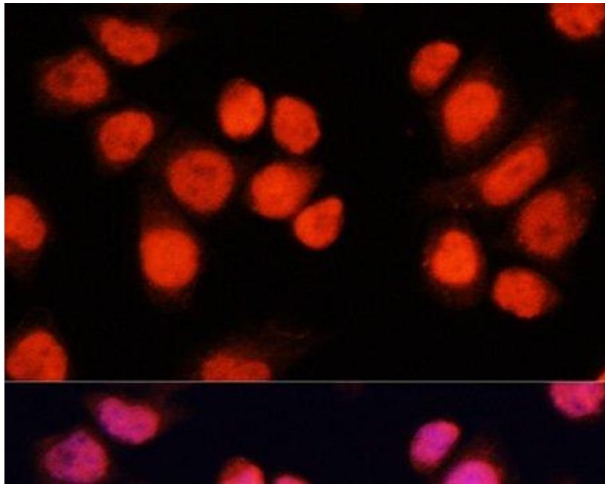
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using CHAMP1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.