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Datasheet for ABIN7101613

anti-CDCA5 antibody

2 Images

Overview

Quantity:	20 µL
Target:	CDCA5
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CDCA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human CDCA5
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CDCA5
Alternative Name:	CDCA5 (CDCA5 Products)
Background:	Regulator of sister chromatid cohesion in mitosis stabilizing cohesin complex association with chromatin. May antagonize the action of WAPL which stimulates cohesin dissociation from

Target Details

chromatin. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair. Required for efficient DNA double-stranded break repair.,SORORIN,Cell Biology & Developmental Biology,Cell Cycle,Epigenetics & Nuclear Signaling,CDCA5

Molecular Weight: 35 kDa

Gene ID: 113130

UniProt: [Q96FF9](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

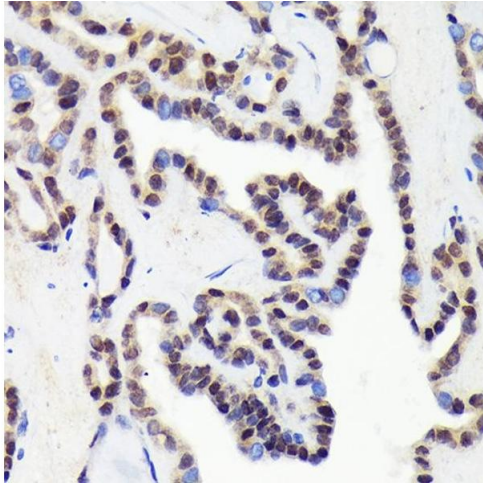
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

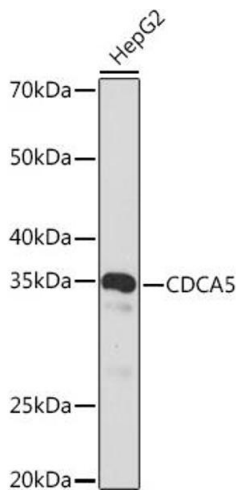
Storage: -20 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human thyroid cancer using CDC Rabbit mAb (ABIN1682192, ABIN3018455, ABIN3018456 and ABIN7101613) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of HepG2 cells, using CDC Rabbit mAb (ABIN1682192, ABIN3018455, ABIN3018456 and ABIN7101613) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.