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Datasheet for ABIN7126485 **anti-ZC3H7A antibody**

Overview

Quantity:	100 µg
Target:	ZC3H7A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZC3H7A antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Coating (Coat), Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant full-length human ZC3H7A protein
Isotype:	IgG1
Specificity:	<p>The zinc finger CCCH domain-containing protein 7A (ZC3H7A), also known as ZC3H7, HSPC055 or ZC3HDC7, is a 971 amino acid protein that contains a C3H1-type zinc finger domain, three C3H1-type zinc fingers and three TPR repeats. Belonging to the ZC3H12 family, ZC3H7A localizes to the nucleus. Existing as two alternatively spliced isoforms, ZC3H7A is encoded by a gene located on human chromosome 16p13.13. Chromosome 16 makes up nearly 3 % of human cellular DNA and is associated with a variety of genetic disorders. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, though through the CREBBP gene which encodes a critical CREB binding protein. Signs of</p>

Product Details

RubinsteinTaybi include mental retardation and predisposition to tumor growth and white blood cell neoplasias. Crohn s disease is a gastrointestinal inflammatory condition associated with chromosome 16 through the NOD2 gene.

Cross-Reactivity (Details): Human.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: ZC3H7A

Alternative Name: ZC3H7A ([ZC3H7A Products](#))

Background: Zinc Finger CCCH-Type Containing 7, ZC3HDC7, Zinc Finger CCCH Domain-Containing Protein 7A, HSPC055, FLJ20318, ZC3H7A,ZC3H7A (Transcription Factor)
Cellular localisation: Nucleus

Molecular Weight: 110kDa

Gene ID: 29066, 371856

UniProt: [Q8IWR0](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Known_Application: ELISA (For coating, order antibody without BSA), ,Immunoprecipitation (1-2 µg per 100-500 µg of total protein (1 mL of cell lysate)), ,Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), ,Optimal dilution for a specific application should be determined.
Positive_Control: HeLa or HepG2 cells.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Handling

Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months
