10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IDAS Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18722a

Product Information

Application	WB, E
Primary Accession	D6RGH6
Other Accession	G3N1S4, NP_001177716.1
Reactivity	Human, Rat
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30498
Calculated MW	41720
Antigen Region	20-46

Additional Information

Gene ID	345643
Other Names	Multicilin, Multiciliate differentiation and DNA synthesis-associated cell cycle protein, Protein Idas, MCIDAS, IDAS, MCI, MCIN
Target/Specificity	This IDAS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 20-46 amino acids from the N-terminal region of human IDAS.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	IDAS Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

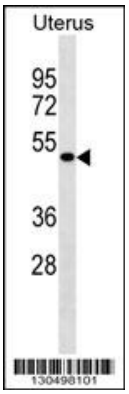
Name	MCIDAS (HGNC:40050)
Synonyms	IDAS, MCI, MCIN

Function	Transcription regulator specifically required for multiciliate cell differentiation (PubMed:25048963). Acts in a multiprotein complex containing E2F4 and E2F5 that binds and activates genes required for centriole biogenesis. Required for the deuterosome- mediated acentriolar pathway (PubMed:25048963). Plays a role in mitotic cell cycle progression by promoting cell cycle exit. Modulates GMNN activity by reducing its affinity for CDT1 (PubMed:21543332, PubMed:24064211).
Cellular Location	Nucleus. Note=Excluded from the nucleolus

Background

Transcription regulator required for multiciliate cell differentiation. Acts by promoting transcription of genes required for multiciliate cell formation. Probably acts in a multiprotein complex By similarity. Plays a role in mitotic cell cycle progression by promoting cell cycle exit. Ref.1

Images



IDAS Antibody (N-term)(Cat. #AP18722a) western blot analysis in human uterus tissue lysate (35ug/lane).This demonstrates the IDAS antibody detected the IDAS protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.