

## IDAS Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18722a

### Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">D6RGH6</a>
<b>Other Accession</b>	<a href="#">G3N1S4</a> , <a href="#">NP_001177716.1</a>
<b>Reactivity</b>	Human, Rat
<b>Predicted</b>	Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB30498
<b>Calculated MW</b>	41720
<b>Antigen Region</b>	20-46

### Additional Information

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<b>Gene ID</b>	345643
<b>Other Names</b>	Multicilin, Multiciliate differentiation and DNA synthesis-associated cell cycle protein, Protein Idas, MCIDAS, IDAS, MCI, MCIN
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	IDAS Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

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<b>Name</b>	MCIDAS ( <a href="#">HGNC:40050</a> )
<b>Synonyms</b>	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

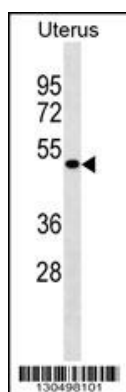
## Background

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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

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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'.