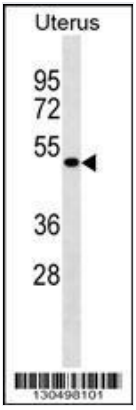
IDAS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IDAS, Polyclonal Antibody
Full Product Name	IDAS, NT (MCI, IDAS, Multicilin, Protein Idas) (APC)
Product Gene Name	anti-IDAS antibody
Product Synonym Gene Name	MCI
Product Synonym Names	MCI; IDAS; Multicilin; Protein Idas
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	41,720 Da
OMIM	614086
3D Structure	ModBase 3D Structure for D6RGH6
Immunogen	IDAS antibody is generated from rabbits immunized with a KLH conjugated synthetic between 19-46 amino acids selected from the N-terminal region of human IDAS.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-IDAS antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-IDAS antibody	Western Blot (WB), FLISA
Application Notes for anti-IDAS antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-IDAS antibody	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
Other Notes	Small volumes of anti-IDAS antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for IDAS purchase	MBS6309157 is an antibody targeting IDAS. Also known as IDAS, NT (MCI, IDAS, Multicilin, Protein Idas) (APC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-IDAS antibody
IDAS Antibody (N-term) western blot analysis in human uterus tissue lysate (35ug/lane).This demonstrates the IDAS antibody detected the IDAS protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IDAS. It may not necessarily be applicable to this product.

NCBI GI #	299782571
NCBI GeneID	345643
NCBI Accession #	NP_001177716.1
UniProt Primary Accession #	D6RGH6
UniProt Secondary Accession #	C9JGY3; D6R920; F8KGQ8
UniProt Related Accession #	D6RGH6
GenBank Nucleotide #	NM_001190787.1
NCBI Official Full Name	multicilin
NCBI Official Synonym Full Names	multiciliate differentiation and DNA synthesis associated cell cycle protein
NCBI Official Symbol	MCIDAS
NCBI Official Synonym Symbols	MCI; IDAS; MCIN
UniProt Protein Name	Multicilin
UniProt Synonym Protein Names	Multiciliate differentiation and DNA synthesis-associated cell cycle protein; McIdas protein; Protein Idas
Protein Family	Multicilin
UniProt Gene Name	MCIDAS
UniProt Synonym Gene Names	IDAS; MCI; MCIN; McIdas protein
NCBI Protein Information	multicilin
NCBI Summary for IDAS	This gene encodes a member of the geminin family of proteins. The encoded nuclear protein is required for the generation of multiciliated cells in respiratory epithelium. Mutations in this gene cause a rare mucociliary clearance disorder associated with recurring respiratory infections in human patients, known as reduced generation of multiple motile cilia (RGMC). [provided by RefSeq, Sep 2016]

UniProt Comments for IDAS	Transcription regulator specifically required for multiciliate cell differentiation. 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).
Research Articles on IDAS	**1.** MCIDAS mutations result in a mucociliary clearance disorder with reduced generation of multiple motile cilia.MCIDAS regulates CCNO and FOXJ1 expression.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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