

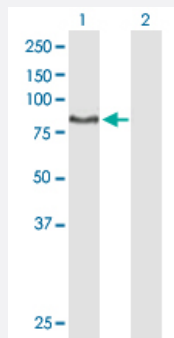
MaxPab®

DNAI1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00027019-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DNAI1 expression in transfected 293T cell line ([H00027019-T02](#)) by DNAI1 MaxPab polyclonal antibody.

Lane 1: DNAI1 transfected lysate(76.89 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human DNAI1 protein.

Immunogen

DNAI1 (NP_036276.1, 1 a.a. ~ 699 a.a) full-length human protein.

Sequence

MIPASAKAPHKQPHKQSSISIGRGTRKRDEDSGTEVGEGTDEWAQSKATVRPPDQLELTD AELKE
EFTRILTANNPHAPQNIVRYSFKEGTYKPIGFVNQLAVHYTQVGNLIPKDSDEGRRQHYRDELVAGS
QESVKVISETG NLEEDEEPEKELETEPGSQTDVPAAGAAEKVTEELMTPKQPKERKLTNQFNFS
ERASQTYNNPVRDRECQTEPPPTNFSATANQWEIMDAYVEELEKQEKTEKEKAKTPVAKKSG
KMAMRKLTSMESQTDDLKLSQAAKIMERMVNQNTYDDIAQDFKYDDAADEYRDQVGTLLPLWK
FQNDKAKRLSVTALCWNPKYRDLFAVGYSYDFMKQSRGMLLLYSLKNPSFPEYMFSSNSGVM
CLDIHVDHPYLVAVGHYDGNVAINLKKPHSQPSFCSSAKSGKHSDPVWQVKWQKDDMDQNLN
FFSVSSDGRVSWTLVKRKLVIDVIKLVKVEGSTTEVPEGLQLHPVGCCTAFDFHKEIDYMFLVGT
EEGKIYCKSKSYSSQFLDTYDAHNMSVDTVSWNPYHTKVFMSCSSDWTVKIWDHTIKTPMFYDL
NSAVGDVAWAPYSSTVFAAVTTDGKAHIFDLAINKYEAICNQPVAAKKNRLTHVQFNLIHPHIIIVGDD
RGHIISLKLSPNLRKMPKEKKGQEVQKGP AVEIAKLDKLLNLVREVKIKT

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (87); Rat (85)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — DNAI1

Entrez GeneID	27019
GeneBank Accession#	NM_012144.2
Protein Accession#	NP_036276.1
Gene Name	DNAI1
Gene Alias	CILD1, ICS, ICS1, MGC26204, PCD
Gene Description	dynein, axonemal, intermediate chain 1
Omim ID	242650 244400 604366
Gene Ontology	Hyperlink

Gene Summary	The inner- and outer-arm dyneins, which bridge between the doublet microtubules in axonemes, are the force-generating proteins responsible for the sliding movement in axonemes. The intermediate and light chains, thought to form the base of the dynein arm, help mediate attachment and may also participate in regulating dynein activity. This gene encodes an intermediate chain dynein, belonging to the large family of motor proteins. Mutations in this gene result in abnormal ciliary ultrastructure and function associated with primary ciliary dyskinesia (PCD) and Kartagener syndrome. [provided by RefSeq]
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Other Designations	OTTHUMP00000021280 dynein intermediate chain DNAI1 dynein, axonemal, intermediate polypeptide 1 immotile cilia syndrome 1
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Disease

- [Asthenozoospermia](#)
- [Tobacco Use Disorder](#)