

DNAI1 rabbit monoclonal antibody

Catalog # H00027019-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DNAI1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DNAI1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DNAI1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DNAI1

Entrez GeneID	27019
GeneBank Accession#	DNAI1
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]
Other Designations	OTTHUMP00000021280 dynein intermediate chain DNAI1 dynein, axonemal, intermediate polypeptide 1 immotile cilia syndrome 1

Disease

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