

## DNAI1 Polyclonal Antibody

Catalog No: #27624

Package Size: #27624-1 50ul #27624-2 100ul

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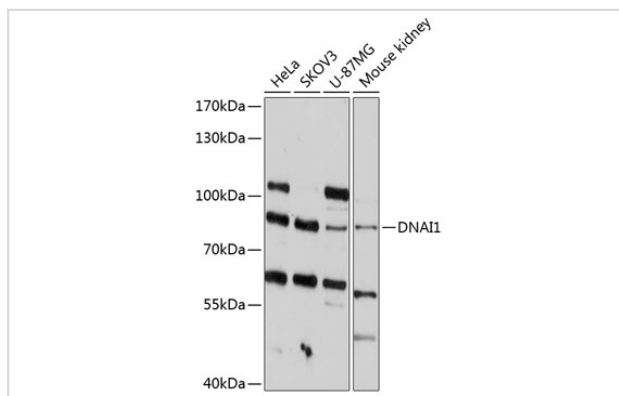
## Description

Product Name	DNAI1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Hu,Ms
Immunogen Description	Recombinant fusion protein of human DNAI1 (NP_036276.1).
Other Names	DNAI1; CILD1; DIC1; ICS1; PCD; dynein axonemal intermediate chain 1
Accession No.	Swiss-Prot#:Q9UI46NCBI Gene ID:27019
Calculated MW	79kDa
Formulation	Avoid freeze / thaw cycles.   Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using DNAI1 antibody.

## Background

This gene encodes a member of the dynein intermediate chain family. The encoded protein is part of the dynein complex in respiratory cilia. 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. Mutations in this gene result in abnormal ciliary ultrastructure and function associated with primary ciliary dyskinesia and Kartagener syndrome. Alternative splicing results in multiple transcript variants.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.