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anti-DNAI1 antibody (N-Term)





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Background:

Quantity:	400 μL
Target:	DNAI1
Binding Specificity:	AA 92-120, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This DNAI1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 92-120 amino acids from the N-terminal region of human DNAI1.
Clone:	RB36678
Isotype:	lg Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	DNAI1
Alternative Name:	DNAI1 (DNAI1 Products)

The inner- and outer-arm dyneins, which bridge between the doublet microtubules in axonemes,

Target Details

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.

 Molecular Weight:
 79283

 Gene ID:
 27019

 NCBI Accession:
 NP_001268357, NP_036276

UniProt: Q9UI46

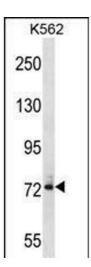
Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	DNAI1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. DNAI1 Antibody (N-term) (ABIN1539653 and ABIN2848458) western blot analysis in K562 cell line lysates (35 μ g/lane).This demonstrates the DNAI1 antibody detected the DNAI1 protein (arrow).