

Datasheet for ABIN951938
anti-DNAI1 antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	DNAI1
Binding Specificity:	AA 91-120, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAI1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 91-120 amino acids from the N-terminal region of human DNAI1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human DNAI1 (N-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	DNAI1
Alternative Name:	DNAI1 (DNAI1 Products)
Background:	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. Synonyms: Axonemal dynein intermediate chain 1, Dynein intermediate chain 1 axonemal

Molecular Weight: 79283 Da

Gene ID: 27019

NCBI Accession: [NP_036276](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % Sodium Azide

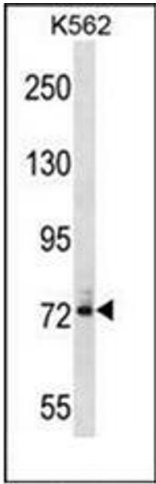
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of DNAI1 Antibody (N-term) in K562 cell line lysates (35ug/lane). This demonstrates the DNAI1 antibody detected the DNAI1 protein (arrow).