



[Go to Product page](#)

Datasheet for ABIN7101535

anti-DNAI1 antibody

1 Image

Overview

Quantity:	20 µL
Target:	DNAI1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This DNAI1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human Dynein intermediate chain 1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	DNAI1
Alternative Name:	DNAI1 (DNAI1 Products)
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

Target Details

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. [provided by RefSeq, Jul 2013],CIL1, DIC1, ICS1, PCD,Cell Adhesion,Cell Biology & Developmental Biology,Cell Type Marker,Cell Type Marker_Axon marker,Cell Type Marker_Neuron marker,Cytoskeleton,Cytoskeleton_Microtubules,Cytoskeleton_Motor Proteins,Neurodegenerative Diseases,Neuroscience,Signal Transduction,DNAI1

Molecular Weight: 79 kDa

Gene ID: 27019

UniProt: [Q9UI46](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

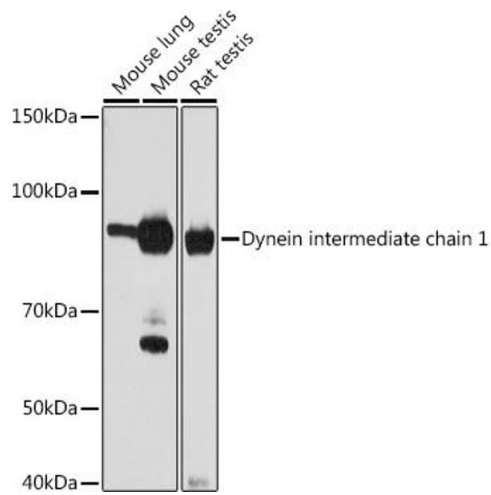
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Dynein intermediate chain 1 antibody (ABIN1681261, ABIN7101535, ABIN7101536 and ABIN7101537) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.