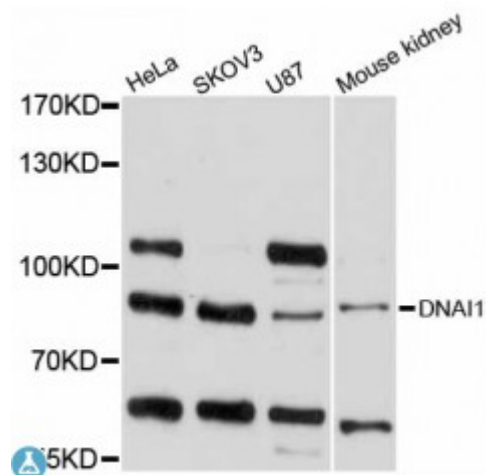


Anti-DNAI1 Antibody



Description

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.

Model	STJ114024
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 350-699 of human DNAI1 (NP_036276.1).
Gene ID	27019
Gene Symbol	DNAI1
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Dynein intermediate chain 1 axonemal Axonemal dynein intermediate chain 1

Molecular Weight	79.283 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:2954OMIM:244400
Alternative Names	Dynein intermediate chain 1 axonemal Axonemal dynein intermediate chain 1
Function	Part of the dynein complex of respiratory cilia
Cellular Localization	Cytoplasm, cytoskeleton, cilium axoneme

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