

## Dynein IC1 Polyclonal Antibody

Cat No: HR1AP6640

For research use only

### Overview

Product Name	Dynein IC1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	79kDa
GeneID?Human?	DNAI1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	DNAI1; Dynein intermediate chain 1; axonemal; Axonemal dynein intermediate chain 1
Background	dynein axonemal intermediate chain 1(DNAI1) Homo sapiens 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. [provided by RefSeq, Jul 2013],