

Product Name: Dynein LC 4 Rabbit Polyclonal Antibody
Catalog #: APRab10232



Summary

Production Name	Dynein LC 4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	DNAL4
Alternative Names	DNAL4; Dynein light chain 4; axonemal
Gene ID	10126.0
SwissProt ID	O96015.The antiserum was produced against synthesized peptide derived from human DNAL4. AA range:1-50

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:40000
Molecular Weight	

Background

This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This

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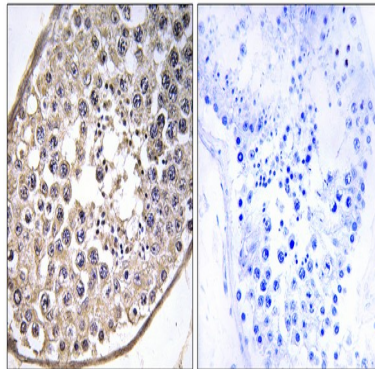


complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. [provided by RefSeq, Dec 2014],function:Force generating protein of respiratory cilia. Produces force towards the minus ends of microtubules. Dynein has ATPase activity.,similarity:Belongs to the dynein light chain family.,subunit:Consists of at least two heavy chains and a number of intermediate and light chains.,

Research Area

Huntington's disease;

Image Data



Immunohistochemistry analysis of paraffin-embedded human testis tissue, using DNAL4 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.