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

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

**Dilution Ratio** IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000

**Molecular Weight**

**Antigen Information**

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

**Background**

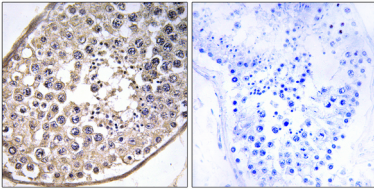
This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This

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.