



# Dynein LC 4 rabbit pAb

Cat No.:ES4426

For research use only

## Overview

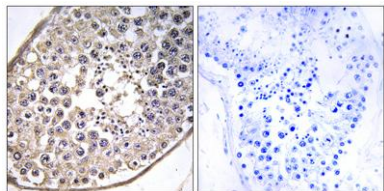
<b>Product Name</b>	Dynein LC 4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human DNAL4. AA range:1-50
<b>Specificity</b>	Dynein LC 4 Polyclonal Antibody detects endogenous levels of Dynein LC 4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Dynein light chain 4 axonemal
<b>Gene Name</b>	DNAL4
<b>Cellular localization</b>	Cytoplasm, cytoskeleton, cilium axoneme .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	10126
<b>Human Swiss-Prot Number</b>	O96015
<b>Alternative Names</b>	DNAL4; Dynein light chain 4; axonemal
<b>Background</b>	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],





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



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