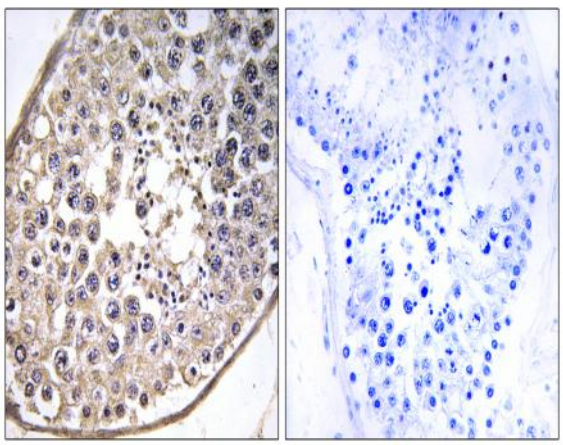
Best Tools for immunology Research

Dynein LC 4 Polyclonal Antibody

Catalog No :	YT1434
Reactivity :	Human;Mouse
Applications :	IHC;IF;ELISA
Target :	Dynein LC 4
Fields :	>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Pathways of neurodegeneration - multiple diseases
Gene Name :	DNAL4
Protein Name :	Dynein light chain 4 axonemal
Human Gene Id :	10126
Human Swiss Prot No :	O96015
Mouse Gene Id :	54152
Mouse Swiss Prot No :	Q9DCM4
Immunogen :	The antiserum was produced against synthesized peptide derived from human DNAL4. AA range:1-50
Specificity :	Dynein LC 4 Polyclonal Antibody detects endogenous levels of Dynein LC 4 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	12kD
Cell Pathway :	Huntington's disease;
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 :	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.,
Subcellular Location :	Cytoplasm, cytoskeleton, cilium axoneme .
Expression :	Lung,Skin,Testis,

Products Images



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