

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

O96015

Q9DCM4

Human Gene Id: 10126

Human Swiss Prot

No:

Mouse Gene Id: 54152

Mouse Swiss Prot

No:

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,

Sort: 5334

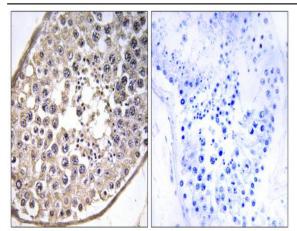
No4: 1

Host: Rabbit

Modifications: Unmodified

Products Images

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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.