

DNAL4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13567a**Specification**

DNAL4 Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	O96015
Other Accession	A4F4L4 , Q32KN5 , NP_005731.1
Reactivity	Human
Predicted	Bovine, Pig
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	12009
Antigen Region	1-30

DNAL4 Antibody (N-term) - Additional Information**Gene ID** 10126**Other Names**

Dynein light chain 4, axonemal, DNAL4

Target/Specificity

This DNAL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DNAL4.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DNAL4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DNAL4 Antibody (N-term) - Protein Information**Name** DNAL4

Function Force generating protein of respiratory cilia. Produces force towards the minus ends of microtubules. Dynein has ATPase activity (By similarity).

Cellular Location

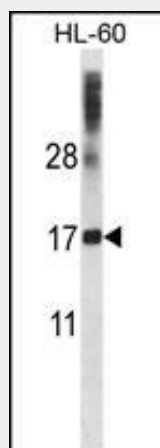
Cytoplasm, cytoskeleton, cilium axoneme

DNAL4 Antibody (N-term) - Protocols

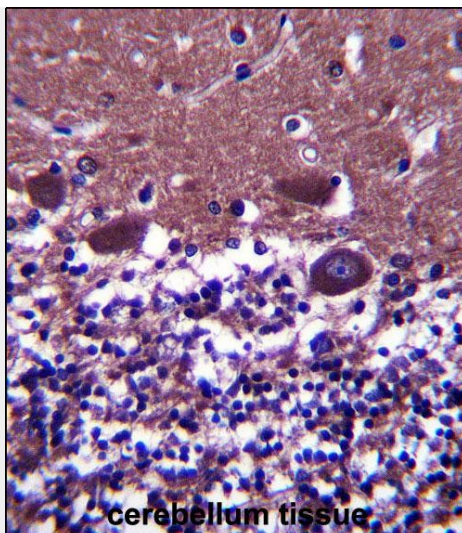
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DNAL4 Antibody (N-term) - Images



DNAL4 Antibody (N-term) (Cat. #AP13567a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the DNAL4 antibody detected the DNAL4 protein (arrow).



DNAL4 Antibody (N-term) (Cat. #AP13567a) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DNAL4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

DNAL4 Antibody (N-term) - Background

DNAL4 is a component of the dynein motor complex (Iwasaki et al., 2005 [PubMed 15454493]).

DNAL4 Antibody (N-term) - References

Iwasaki, M., et al. Blood 105(2):784-793(2005)
Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :
Collins, J.E., et al. Genome Res. 13(1):27-36(2003)
Yano, H., et al. J. Neurosci. 21 (3), RC125 (2001) :
Dunham, I., et al. Nature 402(6761):489-495(1999)