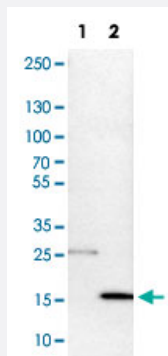


DNAL4 polyclonal antibody

Catalog # PAB30638

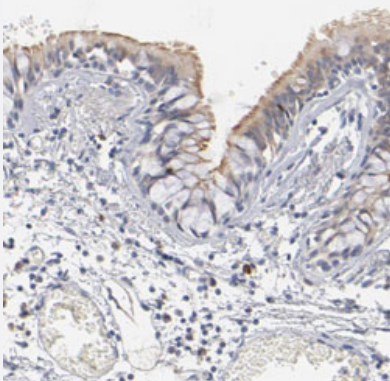
Size 100 uL

Applications



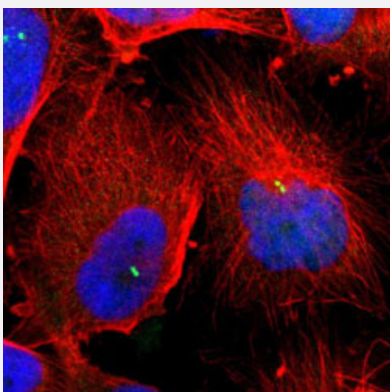
Western Blot (Cell lysate)

Western Blot analysis of Lane 1: NIH-3T3 cell lysate (mouse embryonic fibroblast cells) and Lane 2: NBT-II cell lysate (Wistar rat bladder tumor cells) with DNAL4 polyclonal antibody (Cat # PAB30638).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bronchus with DNAL4 polyclonal antibody (Cat # PAB30638) shows moderate positivity in cilia of respiratory epithelial cells.



Immunofluorescence

Immunofluorescent staining of U-251 MG with DNAL4 polyclonal antibody (Cat # PAB30638) (Green) shows positivity in centrosome.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human DNAL4.
Immunogen	Recombinant protein corresponding to human DNAL4.
Sequence	MGETEGKKDEADYKRLQTFPLVRHSDMPEEMRVETMELCVTACEKFSNNNESAAKMIKETMDK KFGSSWHVVIGEGFGFEITHEVKNLLYLYFGGTAVCVWKCS
Host	Rabbit
Reactivity	Human, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: NIH-3T3 cell lysate (mouse embryonic fibroblast cells) and Lane 2: NBT-II cell lysate (Wistar rat bladder tumor cells) with DNAL4 polyclonal antibody (Cat # PAB30638).

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- Immunofluorescence

Immunofluorescent staining of U-251 MG with DNAL4 polyclonal antibody (Cat # PAB30638) (Green) shows positivity in centrosome.

Gene Info — DNAL4

Entrez GeneID [10126](#)**Protein Accession#** [O96015](#)**Gene Name** DNAL4**Gene Alias** PIG27**Gene Description** dynein, axonemal, light chain 4**Omim ID** [610565](#)**Gene Ontology** [Hyperlink](#)**Gene Summary** DNAL4 is a component of the dynein motor complex (Iwasaki et al., 2005 [PubMed 15454493]).[s
upplied by OMIM**Other Designations** OTTHUMP00000028665|dynein light chain 4, axonemal|dynein light chain, outer arm 4|dynein, ax
onemal, light 4|dynein, axonemal, light polypeptide 4|proliferation-inducing gene 27|proliferation-in
ducing protein 27