

Product Datasheet

DNALI1 Antibody - Azide and BSA Free H00007802-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00007802-B01P

DNALI1 Antibody - Azide and BSA Free

| Product Information | |
|---------------------|--|
| Unit Size | 0.05 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | No Preservative |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | PBS (pH 7.4) |

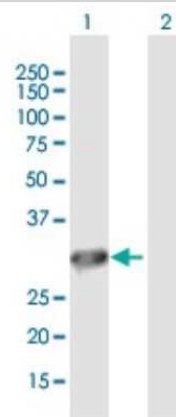
| Product Description | |
|-------------------------|--|
| Description | Quality control test: Antibody reactive against mammalian transfected lysate. |
| Host | Mouse |
| Gene ID | 7802 |
| Gene Symbol | DNALI1 |
| Species | Human |
| Specificity/Sensitivity | DNALI1 - dynein, axonemal, light intermediate chain 1, |
| Immunogen | DNALI1 (AAH46117.1, 1 a.a. - 258 a.a.) full-length human protein. MIPPADSLLKYDTPVLVSRNTEKRSPKARLLKVSPQQPGPSGSAPQPPKTKLP STPCVPDPTKQAEIILNAILPPREWVEDTQLWIQQVSSTPSTRMDVVHLQEQL DLKLQQRQARETGICPVRRELYSQCFDELIREVTINCAERGLLLLVRDEIRMTI AAYQTLYESSVAFGMRKALQAEQKGSDMERKIAELETEKRDLERQVNEQKAK CEATEKRESERRQVEEKKHNEEIQFLKRTNQQKLAQLEGIIAPKK |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence |
| Recommended Dilutions | Western Blot 1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:2000 |
| Application Notes | Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. It has been used for IF. |

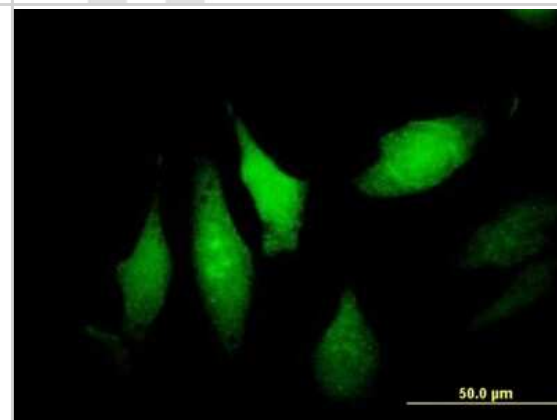


Images

Western Blot: DNALI1 Antibody [H00007802-B01P] - Analysis of DNALI1 expression in transfected 293T cell line by DNALI1 polyclonal antibody. Lane 1: DNALI1 transfected lysate(28.38 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: DNALI1 Antibody [H00007802-B01P] - Analysis of purified antibody to DNALI1 on HeLa cell. (antibody concentration 10 ug/ml)



Publications

Huan W, Yiyuan L, Yuqian L et al. DNALI1 deficiency causes male infertility with severe asthenozoospermia in humans and mice by disrupting the assembly of the flagellar inner dynein arms and fibrous sheath. *Cell Death Dis.* 2023-02-15 [PMID: 36792588]

Sha Y, Wei X, Ding L et al. DNAH17 is associated with asthenozoospermia and multiple morphological abnormalities of sperm flagella. *Ann Hum Genet.* 2019-12-16 [PMID: 31841227]

Ryan R, Failler M, Reilly ML et al. Functional characterization of tektin-1 in motile cilia and evidence for TEKT1 as a new candidate gene for motile ciliopathies. *Hum Mol Genet* 2017-11-07 [PMID: 29121203]



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| | |
|----------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97019-5mg | Mouse IgG Isotype Control |
| NBP2-23014 | Recombinant Human DNALI1 His Protein |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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