

Dnhd1 polyclonal antibody

Catalog # PAB15797

Size 50 ug

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant Dnhd1.
Immunogen	Recombinant GST fusion protein corresponding to 214 amino acids of mouse Dnhd1.
Sequence	SGHDVQEELGSKLNNMRKNILEQAQNECWSRNQQLMTELTEFLRVFQTISSDIHAIQCSQKLSE ANEQYQCLEERVEYVRSLHDLIRNHCA LFIAENETLDIALDLWEAFQFERSQVSEFLLSKQHAMP RLQQLMAAALAELEGLLAKALSGPFMDPSQEQRSTEQQLGALEHQFLNILNNFNALCNAYCTFTG TEHHHLCFYPGRTLHLR
Host	Rabbit
Reactivity	Mouse
Specificity	Specific to recombinant protein GX2020. This antibody detects mCCDC35 protein.
Form	Liquid
Purification	Affinity purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 0.02% sodium azide).
Storage Instruction	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

Gene Info — Dnhd1

Entrez GeneID [77505](#)

Protein Accession# [AK131168](#)

Gene Name Dnhd1

Gene Alias 8030491N06Rik

Gene Description dynein heavy chain domain 1

Gene Ontology [Hyperlink](#)

Other Designations -

Publication Reference

- [New Mutations in DNHD1 Cause Multiple Morphological Abnormalities of the Sperm Flagella.](#)

Guillaume Martinez, Anne-Laure Barbotin, Caroline Cazin, Zeina Wehbe, Angèle Boursier, Amir Amiri-Yekta, Abbas Daneshpour, Seyedeh-Hanieh Hosseini, Nathalie Rives, Aurélie Feraille, Nicolas Thierry-Mieg, Marie Bidart, Véronique Satre, Christophe Arnoult, Pierre F Ray, Zine-Eddine Kherraf, Charles Coutton.

International Journal of Molecular Sciences 2023 Jan; 24(3):2559.

Application: IF, Human, Human sperm

- [Bi-allelic variants in DNHD1 cause flagellar axoneme defects and asthenoteratozoospermia in humans and mice.](#)

Chen Tan, Lanlan Meng, Mingrong Lv, Xiaojin He, Yanwei Sha, Dongdong Tang, Yaqi Tan, Tongyao Hu, Wenbin He, Chaofeng Tu, Hongchuan Nie, Huan Zhang, Juan Du, Guangxiu Lu, Li-Qing Fan, Yunxia Cao, Ge Lin, Yue-Qiu Tan.

American Journal of Human Genetics 2022 Jan; 109(1):157.

Application: IF, Mouse, Mouse sperm

- [Prediction of the coding sequences of mouse homologues of KIAA gene: II. The complete nucleotide sequences of 400 mouse KIAA-homologous cDNAs identified by screening of terminal sequences of cDNA clones randomly sampled from size-fractionated libraries.](#)

Okazaki N, Kikuno R, Ohara R, Inamoto S, Aizawa H, Yuasa S, Nakajima D, Nagase T, Ohara O, Koga H.

DNA Res 2003 Feb; 10(1):35.