## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 24, 2025

# Dia 1 (C-20)

RRID:AB\_2092924 Type: Antibody

#### **Proper Citation**

(Santa Cruz Biotechnology Cat# sc-10885, RRID:AB\_2092924)

### Antibody Information

URL: http://antibodyregistry.org/AB\_2092924

Proper Citation: (Santa Cruz Biotechnology Cat# sc-10885, RRID:AB\_2092924)

Target Antigen: DIAPH1

Host Organism: goat

**Clonality:** polyclonal

**Comments:** Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Dia 1 (C-20)

Description: This polyclonal targets DIAPH1

Target Organism: rat, mouse, human

Clone ID: C-20

Antibody ID: AB\_2092924

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-10885

Record Creation Time: 20231110T043709+0000

Record Last Update: 20241115T035254+0000

### **Ratings and Alerts**

 Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <u>https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimenresearch-development</u>

#### Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

#### Data and Source Information

Source: Antibody Registry

#### **Usage and Citation Metrics**

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Tang EI, et al. (2022) MARK2 and MARK4 Regulate Sertoli Cell BTB Dynamics Through Microtubule and Actin Cytoskeletons. Endocrinology, 163(11).

Liu S, et al. (2020) NC1-peptide regulates spermatogenesis through changes in cytoskeletal organization mediated by EB1. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(2), 3105.

Mao BP, et al. (2019) CAMSAP2 Is a Microtubule Minus-End Targeting Protein That Regulates BTB Dynamics Through Cytoskeletal Organization. Endocrinology, 160(6), 1448.

Li L, et al. (2019) Planar cell polarity protein Dishevelled 3 (Dvl3) regulates ectoplasmic specialization (ES) dynamics in the testis through changes in cytoskeletal organization. Cell

death & disease, 10(3), 194.

Wen Q, et al. (2018) Dynein 1 supports spermatid transport and spermiation during spermatogenesis in the rat testis. American journal of physiology. Endocrinology and metabolism, 315(5), E924.

Li N, et al. (2016) Formin 1 Regulates Microtubule and F-Actin Organization to Support Spermatid Transport During Spermatogenesis in the Rat Testis. Endocrinology, 157(7), 2894.