

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDILab.SciCrunch.org) on May 3, 2025

Anti-PROP1

RRID:AB_2728661

Type: Antibody

Proper Citation

(Dr. Aimee Ryan; McGill University Health Centre; Quebec; Canada Cat# Ryan_bCA, RRID:AB_2728661)

Antibody Information

URL: http://antibodyregistry.org/AB_2728661

Proper Citation: (Dr. Aimee Ryan; McGill University Health Centre; Quebec; Canada Cat# Ryan_bCA, RRID:AB_2728661)

Target Antigen: PROP1

Host Organism: guinea pig

Clonality: polyclonal

Comments: "PLoS One. 2009;4(3):e4815. doi: 10.1371/journal.pone.0004815. Epub 2009 Mar 13.

A GRFa2/Prop1/stem (GPS) cell niche in the pituitary.

Garcia-Lavandeira M1, Quereda V, Flores I, Saez C, Diaz-Rodriguez E, Japon MA, Ryan AK, Blasco MA, Dieguez C, Malumbres M, Alvarez CV.

Department of Physiology, School of Medicine, University of Santiago de Compostela, Santiago de Compostela, Spain."

"Guinea pig polyclonal antibody anti- Prop1 was made in house against the carboxy-terminal domain of mouse Prop-1. cDNA encoding amino acids 151 to 223 were cloned downstream of either a GST or a His-tag vector. Fusion proteins were expressed in BL21 E. coli and partially purified over glutathione agarose (Sigma) or Ni²⁺-NTA-agarose (Qiagen). Initial immunizations were performed with GST-Prop-1 fusion protein and the final boosts were performed with the His-Prop-1 fusion proteins. It has been already demonstrated that this antibody recognizes Prop1 transcription factor in mouse E12.5"

Antibody Name: Anti-PROP1

Description: This polyclonal targets PROP1

Target Organism: mouse

Defining Citation: [PMID:19283075](#)

Antibody ID: AB_2728661

Vendor: Dr. Aimee Ryan; McGill University Health Centre; Quebec; Canada

Catalog Number: Ryan_bCA

Record Creation Time: 20231110T033636+0000

Record Last Update: 20240725T082741+0000

Ratings and Alerts

No rating or validation information has been found for Anti-PROP1.

No alerts have been found for Anti-PROP1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Youngblood JL, et al. (2018) Regulation of Pituitary Progenitor Differentiation by β -Catenin. Endocrinology, 159(9), 3287.