

For Research Use Only

# FIGLA Polyclonal antibody, PBS Only

Catalog Number: 24845-1-PBS



## Basic Information

Catalog Number:

24845-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20392

GenBank Accession Number:

BC148798

GeneID (NCBI):

344018

UNIPROT ID:

Q6QHK4

Full Name:

folliculogenesis specific basic helix-loop-helix

Calculated MW:

219 aa, 24 kDa

Observed MW:

20 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Folliculogenesis specific bHLH transcription factor (FIGLA) also known as POF6, is an oocyte-specific transcription factor expressed mainly in ovarian follicles and involved in regulating follicle formation and oocyte development. It regulates the expression of oocyte zona pellucida genes (such as Zp1, Zp2 and Zp3) by binding to the promoter regions of these genes (PMID: 15044608). Mutations in this gene cause premature ovarian failure type 6 (PMID: 18499083).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

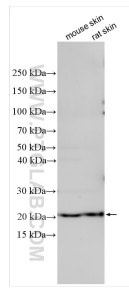
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24845-1-AP (FIGLA antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24845-1-PBS in a different storage buffer formulation.