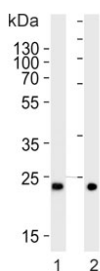


## MitoPLD Antibody / PLD6 (F54589)

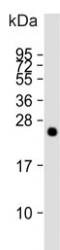
| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F54589-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F54589-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

|                           |                                                           |
|---------------------------|-----------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                         |
| <b>Species Reactivity</b> | Human, Mouse                                              |
| <b>Format</b>             | Purified                                                  |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                |
| <b>Isotype</b>            | Rabbit IgG                                                |
| <b>Purity</b>             | Antigen affinity purified                                 |
| <b>UniProt</b>            | Q8N2A8                                                    |
| <b>Applications</b>       | Western Blot : 1:500-1:2000                               |
| <b>Limitations</b>        | This MitoPLD antibody is available for research use only. |



Western blot testing of 1) human ovary and 2) mouse testis tissue lysate with MitoPLD antibody. Predicted molecular weight ~28 kDa.



Western blot testing of human brain tissue lysate with MitoPLD antibody. Predicted molecular weight ~28 kDa.

## Description

Mitochondrial cardiolipin hydrolase / PLD6 / Mitochondrial phospholipase / MitoPLD is an endonuclease that plays a critical role in PIWI-interacting RNA (piRNA) biogenesis during spermatogenesis. [UniProt]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the MitoPLD antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 125-154 from the human protein was used as the immunogen for the MitoPLD antibody.

## Storage

Aliquot the MitoPLD antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.