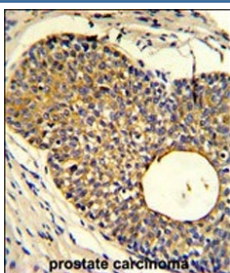


## Phorbolin 1 Antibody / APOBEC3A (F55087)

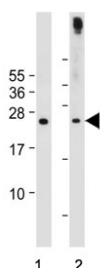
| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F55087-0.2ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.2 ml  |
| F55087-0.05ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.05 ml |

[Bulk quote request](#)

|                           |                                                                          |
|---------------------------|--------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                        |
| <b>Species Reactivity</b> | Human                                                                    |
| <b>Format</b>             | Purified                                                                 |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                               |
| <b>Isotype</b>            | Rabbit Ig                                                                |
| <b>UniProt</b>            | P31941                                                                   |
| <b>Localization</b>       | Nuclear, cytoplasmic                                                     |
| <b>Applications</b>       | Western Blot : 1:1000-1:2000<br>Immunohistochemistry (FFPE) : 1:50-1:100 |
| <b>Limitations</b>        | This Phorbolin 1 antibody is available for research use only.            |



IHC staining of FFPE human prostate carcinoma tissue with Phorbolin 1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) Jurkat and 2) Raji cell lysate with Phorbolin 1 antibody. Predicted molecular weight ~23 kDa.

## Description

Phorbolin 1/PHO1/APOBEC3A/Apolipoprotein B mRNA Editing Enzyme, Catalytic Polypeptide-Like 3A is part of a family of enzymes that are involved in the editing of RNA and DNA molecules. Phorbolin 1/APOBEC3A specifically acts as a barrier to prevent the replication of viral DNA within cells, making it a crucial component of the innate immune system. It also plays a pivotal role in preventing the development of certain cancers. Studies have shown that this protein can inhibit the growth of cancer cells by inducing mutations in their genetic material.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Phorbolin 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for the Phorbolin 1 antibody.

## Storage

Aliquot the Phorbolin 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.