

## PAF1 Rabbit mAb

**Catalog NO.: A3437**

## Recombinant

## 2 Publications

## Basic Information

**Observed MW**

80kDa

**Calculated MW**

60kDa

## Category

## Monoclonal Antibodies

## Applications

WB, IHC-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Conjugation

Unconjugated

### Clone number

ARC2019

## Background

This gene encodes a subunit of the polymerase associated factor (PAF1) complex. The PAF1 complex interacts with RNA polymerase II and plays a role in transcription elongation as well as histone modifications including ubiquitylation and methylation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

## Recommended Dilutions

|                                                                              |                |
|------------------------------------------------------------------------------|----------------|
| <b>WB</b>                                                                    | 1:500 - 1:1000 |
| <b>IHC-P</b>                                                                 | 1:50 - 1:200   |
| <b>ELISA</b>                                                                 |                |
| Recommended starting concentration is 1 µg/mL.                               |                |
| Please optimize the concentration based on your specific assay requirements. |                |

## Immunogen Information

|                                                                                 |                   |
|---------------------------------------------------------------------------------|-------------------|
| <b>Gene ID</b>                                                                  | <b>Swiss Prot</b> |
| 54623                                                                           | Q8N7H5            |
| <b>Immunogen</b>                                                                |                   |
| Synthetic peptide. This information is considered to be commercially sensitive. |                   |
| <b>Synonyms</b>                                                                 |                   |
| PD2; F23149_1; PAF1                                                             |                   |

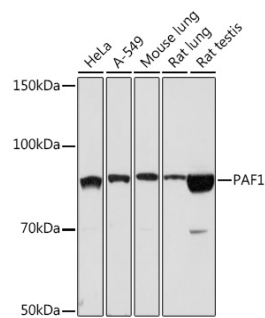
## Contact

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

|                                                                                                                                                     |                |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------|
| <b>Source</b>                                                                                                                                       | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit                                                                                                                                              | IgG            | Affinity purification |
| <b>Storage</b>                                                                                                                                      |                |                       |
| Store at -20°C. Avoid freeze / thaw cycles.                                                                                                         |                |                       |
| Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. |                |                       |

Validation Data



Western blot analysis of various lysates using PAF1 Rabbit mAb (A3437) at 1:1000 dilution.

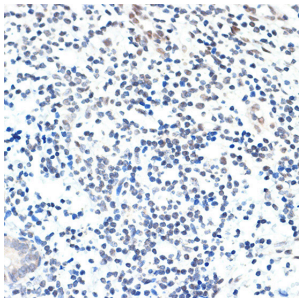
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human appendix using PAF1 Rabbit mAb (A3437) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

