

# Noxa Antibody

Rabbit mAb

Catalog # AP91204

## Product Information

---

|                          |                                               |
|--------------------------|-----------------------------------------------|
| <b>Application</b>       | WB                                            |
| <b>Primary Accession</b> | <a href="#">Q13794</a>                        |
| <b>Reactivity</b>        | Human                                         |
| <b>Clonality</b>         | Monoclonal                                    |
| <b>Other Names</b>       | APR; ATL-derived; NOXA; Pmaip1; Protein Noxa; |
| <b>Isotype</b>           | Rabbit IgG                                    |
| <b>Host</b>              | Rabbit                                        |
| <b>Calculated MW</b>     | 6030                                          |

## Additional Information

---

|                                     |                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dilution</b>                     | WB 1:500~1:2000                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purification</b>                 | Affinity-chromatography                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>                    | A synthesized peptide derived from human Noxa                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>                  | Noxa is a pro-apoptotic Bcl-2 family protein that contains a single Bcl-2 homology (BH3) domain. Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. |
| <b>Storage Condition and Buffer</b> | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.                                                                                                                                                                                 |

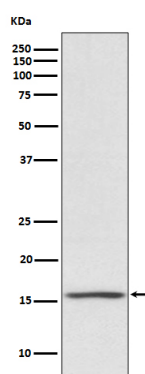
## Protein Information

---

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | PMAIP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>          | NOXA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Function</b>          | Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1 (By similarity). Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1. |
| <b>Cellular Location</b> | Mitochondrion                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Tissue Location</b>   | Highly expressed in adult T-cell leukemia cell line                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Images

---



Western blot analysis of Noxa expression in Jurkat cell lysate;.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.