

## Rabbit Apoptosis enhancing nuclease Polyclonal Antibody | anti-AEN antibody

Apoptosis enhancing nuclease antibody

|                               |                       |                                                           |
|-------------------------------|-----------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA107590</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------|

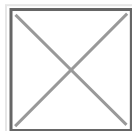
### PRODUCT SYNONYMS

Apoptosis enhancing nuclease; Polyclonal Antibody; Apoptosis enhancing nuclease antibody; Polyclonal Apoptosis enhancing nuclease; Anti-Apoptosis enhancing nuclease; FLJ12484; apoptosis-enhancing nuclease; ISG20L1; FLJ12562; pp12744; AEN; interferon-stimulated 20 kDa exonuclease-like 1; anti-AEN antibody

### PRODUCT SPECIFICATIONS

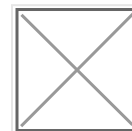
|                                               |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                              |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                          |
| Isotype                                       | IgG                                                                                                                                                                                                                                                                                 |
| Purity/Purification                           | Apoptosis enhancing nuclease antibody was purified by antigen-affinity chromatography                                                                                                                                                                                               |
| Form/Format                                   | Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.                                                                                                                                        |
| Concentration                                 | 0.9 mg/ml (varies by lot)                                                                                                                                                                                                                                                           |
| Sequence Length                               | 325                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-AEN antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                                                                                                       |
| Biological Significance                       | Exonuclease with activity against single- and double-stranded DNA and RNA. Mediates p53-induced apoptosis. When induced by p53 following DNA damage, digests double-stranded DNA to form single-stranded DNA and amplifies DNA damage signals, leading to enhancement of apoptosis. |
| Cross-Reactivity                              | Human                                                                                                                                                                                                                                                                               |
| Preparation and Storage                       | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.                                                                                                                                             |

### IMAGES



#### WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa) using a 10 % SDS PAGE gel and Apoptosis enhancing nuclease antibody at a dilution of 1:1000



#### IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Cal27 Xenograft using Apoptosis enhancing nuclease antibody at a dilution of 1:100

### ADDITIONAL INFORMATION

|                                                   |                                                                           |
|---------------------------------------------------|---------------------------------------------------------------------------|
| Related Product Information for anti-AEN antibody | Affinity purified Rabbit polyclonal Apoptosis enhancing nuclease antibody |
| Product Categories/Family for anti-AEN antibody   | Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies          |

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 194239666                      |
| NCBI GeneID                      | 64782                          |
| NCBI Accession #                 | NP_073604.3                    |
| NCBI GenBank Nucleotide #        | NM_022767.3                    |
| UniProt Accession #              | Q8WTP8; Q9BSA5; Q9H9X7; C9J571 |
| Molecular Weight                 | 36 kDa                         |
| NCBI Official Full Name          | apoptosis-enhancing nuclease   |
| NCBI Official Synonym Full Names | apoptosis enhancing nuclease   |
| NCBI Official Symbol             | AEN                            |
| NCBI Official Synonym Symbols    | ISG20L1; pp12744               |
| NCBI Protein Information         | apoptosis-enhancing nuclease   |
| UniProt Protein Name             | Apoptosis-enhancing nuclease   |
| UniProt Gene Name                | AEN                            |
| UniProt Synonym Gene Names       | ISG20L1                        |
| UniProt Entry Name               | AEN_HUMAN                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apoptosis-enhancing-nuclease-antibody-western-blot-immunohistochemistry-elisa/107590>