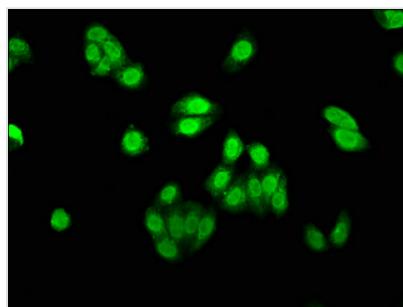




# AEN Antibody

|                            |                                                                                                                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA819883LA01HU                                                                                                                                                                                                                                                                  |
| <b>Abbreviation</b>        | Apoptosis-enhancing nuclease                                                                                                                                                                                                                                                        |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                       |
| <b>Uniprot No.</b>         | Q8WTP8                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>           | Recombinant Human Apoptosis-enhancing nuclease protein (117-325AA)                                                                                                                                                                                                                  |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                              |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                               |
| <b>Tested Applications</b> | ELISA, IF; Recommended dilution: IF:1:200-1:1000                                                                                                                                                                                                                                    |
| <b>Relevance</b>           | 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. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                              |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                                                      |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                    |
| <b>Purification Method</b> | >95%, Protein G purified                                                                                                                                                                                                                                                            |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                 |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                          |
| <b>Alias</b>               | Apoptosis-enhancing nuclease (EC 3.1.-.-) (Interferon-stimulated 20 kDa exonuclease-like 1), AEN, ISG20L1                                                                                                                                                                           |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                               |
| <b>Research Area</b>       | Cell Biology                                                                                                                                                                                                                                                                        |

## Image



Immunofluorescence staining of HepG2 cells with CSB-PA819883LA01HU at 1:530, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).