

# Rabbit anti-Human Eukaryotic translation initiation factor 5 Polyclonal Antibody | anti-EIF5 antibody

Rabbit anti-human Eukaryotic translation initiation factor 5 polyclonal Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA119709</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

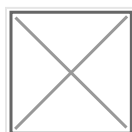
## PRODUCT SYNONYMS

Eukaryotic translation initiation factor 5; Polyclonal Antibody; Rabbit anti-human Eukaryotic translation initiation factor 5 polyclonal Antibody; eIF-5; anti-EIF5 antibody

## PRODUCT SPECIFICATIONS

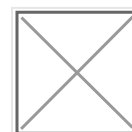
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Purity/Purification                            | Caprylic Acid Ammonium Sulfate Precipitation Purified                                                          |
| Sequence Length                                | 431                                                                                                            |
| Applicable Applications for anti-EIF5 antibody | IHC (Immunohistochemistry), ELISA                                                                              |
| Storage Buffer                                 | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                               |
| Conjugate                                      | Non-conjugated                                                                                                 |
| Immunogen                                      | Recombinant human Eukaryotic translation initiation factor 5 protein(1-431aa)                                  |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-282 / sc-25527                         |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

## IMAGES



### IF (Immunofluorescence)

Immunofluorescent analysis of PC3 cells using AAA119709 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic cancer using AAA119709 at dilution 1:100

## ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EIF5 antibody | Catalyzes the hydrolysis of GTP bound to the 40S ribosomal initiation complex (40S.mRNA.Met-tRNA[F].eIF-2.GTP) with the subsequent joining of a 60S ribosomal subunit resulting in the release of eIF-2 and the guanine nucleotide. The subsequent joining of a 60S ribosomal subunit results in the formation of a functional 80S initiation complex (80S.mRNA.Met-tRNA[F]). |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 21361337                                   |
| NCBI GeneID                      | 1983                                       |
| NCBI Accession #                 | NP_001960.2                                |
| NCBI GenBank Nucleotide #        | NM_001969.4                                |
| UniProt Accession #              | P55010; Q53XB3; Q9H5N2; Q9UG48             |
| Molecular Weight                 | 49,223 Da                                  |
| NCBI Official Full Name          | eukaryotic translation initiation factor 5 |
| NCBI Official Synonym Full Names | eukaryotic translation initiation factor 5 |
| NCBI Official Symbol             | EIF5                                       |
| NCBI Official Synonym Symbols    | EIF-5; EIF-5A                              |
| NCBI Protein Information         | eukaryotic translation initiation factor 5 |
| UniProt Protein Name             | Eukaryotic translation initiation factor 5 |
| UniProt Gene Name                | EIF5                                       |
| UniProt Synonym Gene Names       | eIF-5                                      |
| UniProt Entry Name               | IF5_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/eukaryotic-translation-initiation-factor-5-antibody-immunohistochemistry-elisa/119709>