

## Rabbit anti-Human EDC4 Polyclonal Antibody | anti-EDC4 antibody

EDC4 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA234466 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

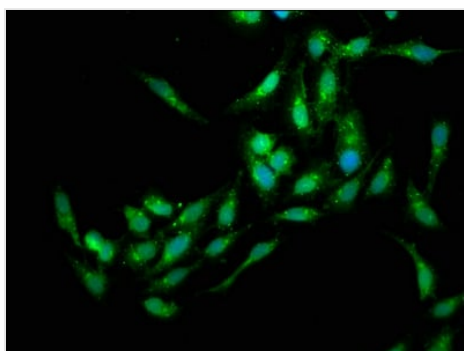
### PRODUCT SYNONYMS

EDC4; Polyclonal Antibody; EDC4 Antibody; Enhancer of mRNA-decapping protein 4; Autoantigen Ge-1; Autoantigen RCD-8; Human enhancer of decapping large subunit; Hedls; HEDLS; anti-EDC4 antibody

### PRODUCT SPECIFICATIONS

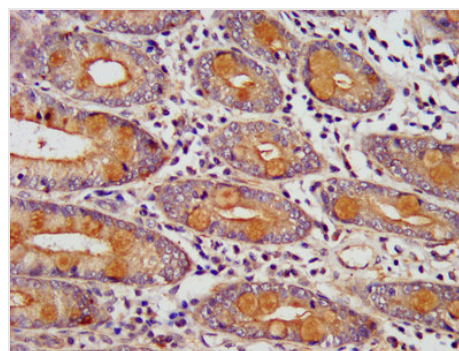
|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human                                                                            |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Sequence Length                                | 1401                                                                             |
| Applicable Applications for anti-EDC4 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                       |
| Immunogen                                      | Recombinant Human Enhancer of mRNA-decapping protein 4 protein (753-952AA)       |
| Conjugation                                    | Non-conjugated                                                                   |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



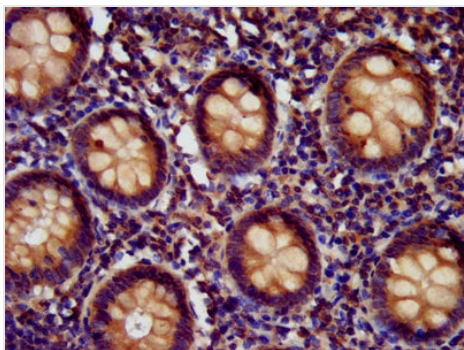
#### IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA234466 at 1:133, 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



#### IHC (Immunohistochemistry)

IHC image of AAA234466 diluted at 1:400 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC image of AAA234466 diluted at 1:400 and staining in paraffin-embedded human appendix tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-EDC4 antibody</b> | In the process of mRNA degradation, seems to play a role in mRNA decapping. Component of a complex containing DCP2 and DCP1A which functions in decapping of ARE-containing mRNAs. Promotes complex formation between DCP1A and DCP2. Enhances the catalytic activity of DCP2 (in vitro). |
| <b>Product Categories/Family for anti-EDC4 antibody</b>   | <a href="#">Epigenetics and Nuclear Signaling</a>                                                                                                                                                                                                                                         |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">45827771</a>                                                                                                                                                     |
| <b>NCBI GeneID</b>                      | <a href="#">23644</a>                                                                                                                                                        |
| <b>NCBI Accession #</b>                 | <a href="#">NP_055144.3</a>                                                                                                                                                  |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_014329.4</a>                                                                                                                                                  |
| <b>UniProt Accession #</b>              | <a href="#">Q6P2E9</a> ; <a href="#">Q13025</a> ; <a href="#">Q13826</a> ; <a href="#">Q6ZR12</a> ; <a href="#">Q7Z6H7</a> ; <a href="#">A6NGM1</a> ; <a href="#">A8K4T4</a> |
| <b>Molecular Weight</b>                 | 109,728 Da                                                                                                                                                                   |
| <b>NCBI Official Full Name</b>          | enhancer of mRNA-decapping protein 4                                                                                                                                         |
| <b>NCBI Official Synonym Full Names</b> | enhancer of mRNA decapping 4                                                                                                                                                 |
| <b>NCBI Official Symbol</b>             | EDC4                                                                                                                                                                         |
| <b>NCBI Official Synonym Symbols</b>    | GE1; Ge-1; RCD8; HEDL5; HEDLS; RCD-8                                                                                                                                         |
| <b>NCBI Protein Information</b>         | enhancer of mRNA-decapping protein 4                                                                                                                                         |
| <b>UniProt Protein Name</b>             | Enhancer of mRNA-decapping protein 4                                                                                                                                         |
| <b>UniProt Gene Name</b>                | <b>EDC4</b>                                                                                                                                                                  |
| <b>UniProt Synonym Gene Names</b>       | HEDLS; Hedls                                                                                                                                                                 |

**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://www.aaabiotech.com/polyclonal/edc4-antibody-immunofluorescence-immunohistochemistry-elisa/234466>