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# anti-CWC22 antibody (AA 101-200) (AbBy Fluor® 488)



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| Quantity:            | 100 μL  |  |
|----------------------|---|--|
| Target:              | CWC22   |  |
| Binding Specificity: | AA 101-200  |  |
| Reactivity:          | Mouse, Rat  |  |
| Host:                | Rabbit  |  |
| Clonality:           | Polyclonal  |  |
| Conjugate:           | This CWC22 antibody is conjugated to AbBy Fluor® 488  |  |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |  |

#### **Product Details**

| Immunogen:            | KLH conjugated synthetic peptide derived from human CWC22 |  |
|-----------------------|---|--|
| Isotype:              | IgG   |  |
| Cross-Reactivity:     | Mouse, Rat  |  |
| Predicted Reactivity: | Human,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit              |  |
| Purification:         | Purified by Protein A.                                    |  |

## Target Details

| Target:           | CWC22                  |
|-------------------|------------------------|
| Alternative Name: | CWC22 (CWC22 Products) |

## **Target Details**

| Background:         | Synonyms: CWC22, CWC22 spliceosome associated protein homolog S. cerevisiae, CWC22                                 |  |  |
|---------------------|--|--|--|
|                     | spliceosome associated protein homolog, CWC22_HUMAN, E4GL, fSAPb, Functional                                       |  |  |
|                     | spliceosome associated protein b, KIAA1604, NCM, Nucampholin homolog, Pre-mRNA-splicing factor CWC22 homolog.      |  |  |
|                     |  |  |  |
|                     | Background: Spliceosomes are multi-protein complexes that are composed of snRNPs (small                            |  |  |
|                     | nuclear ribonucleoproteins) and a variety of associated protein factors, all of which work in                      |  |  |
|                     | concert to regulate the splicing of pre-mRNA, a critical step in the post-transcriptional                          |  |  |
|                     | regulation of gene expression. CWC22 (CWC22 spliceosome-associated protein), also known                            |  |  |
|                     | as NCM, fSAPb or EIF4GL, is a 908 amino acid nuclear protein and component of the                                  |  |  |
|                     | spliceosome C complex. CWC22 is associated with the spliceosome prior to catalytic steps and                       |  |  |
|                     | remains associated throughout the reaction. Belonging to the CWC22 family, CW22 contains                           |  |  |
|                     | one MI domain and a MIF4G domain. The gene encoding CWC22 maps to human chromosome                                 |  |  |
|                     | 2q31.3. As the second largest human chromosome, chromosome 2 makes up approximately                                |  |  |
|                     | 8 % of the human genome and contains 237 million bases encoding over 1,400 genes.                                  |  |  |
| Gene ID:            | 57703  |  |  |
| Application Details |  |  |  |
| Application Notes:  | IF(IHC-P) 1:50-200   |  |  |
|                     | IF(IHC-F) 1:50-200   |  |  |
|                     | IF(ICC) 1:50-200   |  |  |
| Restrictions:       | For Research Use only  |  |  |
| Handling            |  |  |  |
| Format:             | Liquid   |  |  |
| Concentration:      | 1 μg/μĽ  |  |  |
| Buffer:             | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.         |  |  |
| Preservative:       | ProClin  |  |  |
| Precaution of Use:  | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |  |  |
| Storage:            | -20 °C   |  |  |
| Storage Comment:    | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |  |  |
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Expiry Date:

12 months