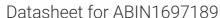
# antibodies -online.com





# anti-GLT25D2 antibody (AA 501-600) (AbBy Fluor® 555)



Go to Product page

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|--------|----|----|----|-------------|---|
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| Quantity:            | 100 μL                                                                                                  |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Target:              | GLT25D2                                                                                                 |
| Binding Specificity: | AA 501-600                                                                                              |
| Reactivity:          | Mouse, Rat                                                                                              |
| Host:                | Rabbit                                                                                                  |
| Clonality:           | Polyclonal                                                                                              |
| Conjugate:           | This GLT25D2 antibody is conjugated to AbBy Fluor® 555                                                  |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

#### **Product Details**

| Immunogen:            | KLH conjugated synthetic peptide derived from human GLT25D2 |  |
|-----------------------|-------------------------------------------------------------|--|
| Isotype:              | IgG                                                         |  |
| Cross-Reactivity:     | Mouse, Rat                                                  |  |
| Predicted Reactivity: | Human,Cow,Sheep,Pig,Horse,Chicken                           |  |
| Purification:         | Purified by Protein A.                                      |  |

## **Target Details**

| Target:           | GLT25D2                    |
|-------------------|----------------------------|
| Alternative Name: | GLT25D2 (GLT25D2 Products) |

## **Target Details**

Expiry Date:

| Background:         | Synonyms: C1orf17, Glt25d2, Glycosyltransferase 25 family member 2, GT252_HUMAN,              |  |
|---------------------|-----------------------------------------------------------------------------------------------|--|
|                     | Hydroxylysine galactosyltransferase 2, Procollagen galactosyltransferase 2, RP11-498P10.2.    |  |
|                     | Background: GLT25D2 is a 626 amino acid protein that localizes to endoplasmic reticulum       |  |
|                     | lumen and belongs to the glycosyltransferase 25 family. Possessing beta-galactosyltransferase |  |
|                     | activity, GLT25D2 transports beta-galactose to hydroxylysine residues on collagen but lacks   |  |
|                     | glucosyltransferase activity. GLT25D2 is expressed in skeletal muscle and brain, and is       |  |
|                     | encoded by a gene located on human chromosome 1q25.3, a region associated with the            |  |
|                     | hereditary prostate cancer (HPC1) locus. Human chromosome 1 spans 260 million base pairs,     |  |
|                     | contains over 3,000 genes, comprises nearly 8 % of the human genome and houses a large        |  |
|                     | number of disease-associated genes, including those that are involved in familial adenomatous |  |
|                     | polyposis, Stickler syndrome, Parkinson?s disease, Gaucher disease, schizophrenia and Usher   |  |
|                     | syndrome.                                                                                     |  |
| Gene ID:            | 23127                                                                                         |  |
|                     |                                                                                               |  |
| 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/μL                                                                                       |  |
| 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.             |  |
|                     |                                                                                               |  |

12 months