

## Rabbit GALNT2 Polyclonal Antibody | anti-GALNT2 antibody

GALNT2 Polyclonal Antibody

|                               |                       |                                        |                                                                               |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA280199</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------------------------------------------|

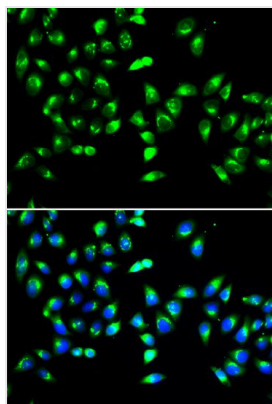
### PRODUCT SYNONYMS

GALNT2; Polyclonal Antibody; GALNT2 Polyclonal Antibody; GalNAc-T2; anti-GALNT2 antibody

### PRODUCT SPECIFICATIONS

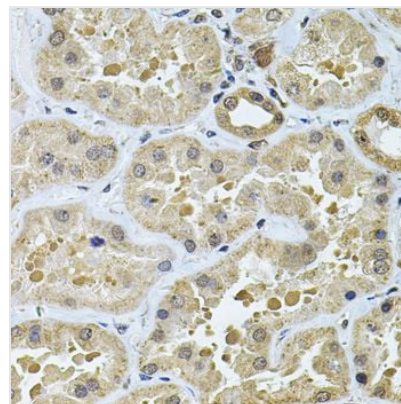
|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Isotype                                          | IgG                                                                                                                                                   |
| Purity/Purification                              | Affinity Purification                                                                                                                                 |
| Concentration                                    | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                  | 571                                                                                                                                                   |
| Applicable Applications for anti-GALNT2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                |
| Species                                          | Human                                                                                                                                                 |
| Immunogen                                        | Recombinant Protein                                                                                                                                   |
| Immunogen                                        | Recombinant protein of human GALNT2                                                                                                                   |
| Calculated Molecular Weight                      | 65kDa                                                                                                                                                 |
| Preparation and Storage                          | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



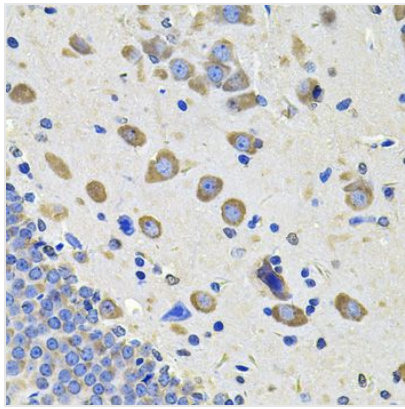
#### IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using GALNT2 antibody. Blue: DAPI for nuclear staining.



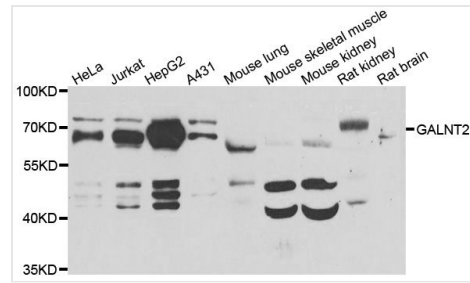
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using GALNT2 Antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using GALNT2 Antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GALNT2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-GALNT2 antibody</b> | This gene encodes a member of the glycosyltransferase 2 protein family. Members of this family initiate mucin-type O-glycosylation of peptides in the Golgi apparatus. The encoded protein may be involved in O-linked glycosylation of the immunoglobulin A1 hinge region. This gene may influence triglyceride levels, and may be involved Type 2 diabetes, as well as several types of cancer. Alternative splicing results in multiple transcript variants. |
| <b>Product Categories/Family for anti-GALNT2 antibody</b>   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                                                                                                             |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 51315838                                                                                                                                                                                                                                                    |
| <b>NCBI GeneID</b>                      | 2590                                                                                                                                                                                                                                                        |
| <b>UniProt Accession #</b>              | Q10471; Q9NPY4; A8K1Y3; B7Z8V8; C5HU00                                                                                                                                                                                                                      |
| <b>Molecular Weight</b>                 | 571                                                                                                                                                                                                                                                         |
| <b>NCBI Official Full Name</b>          | Polypeptide N-acetylgalactosaminyltransferase 2                                                                                                                                                                                                             |
| <b>NCBI Official Synonym Full Names</b> | polypeptide N-acetylgalactosaminyltransferase 2                                                                                                                                                                                                             |
| <b>NCBI Official Symbol</b>             | GALNT2                                                                                                                                                                                                                                                      |
| <b>NCBI Official Synonym Symbols</b>    | GalNAc-T2                                                                                                                                                                                                                                                   |
| <b>NCBI Protein Information</b>         | polypeptide N-acetylgalactosaminyltransferase 2; pp-GaNTase 2; polypeptide GalNAc transferase 2; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2) |
| <b>UniProt Protein Name</b>             | Polypeptide N-acetylgalactosaminyltransferase 2                                                                                                                                                                                                             |
| <b>UniProt Gene Name</b>                | <b>GALNT2</b>                                                                                                                                                                                                                                               |
| <b>UniProt Synonym Gene Names</b>       | GalNAc-T2; pp-GaNTase 2                                                                                                                                                                                                                                     |
| <b>UniProt Entry Name</b>               | GALT2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/galnt2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280199>