



# Anti-WBSCR17 (aa 29-126) polyclonal antibody (DPABH-17475)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| <b>Antigen Description</b> | May catalyze the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. |
| <b>Immunogen</b>           | antigen sequence, corresponding to amino acids 29-126 (RPIAVRSGDA FHEIRPRAEV ANLSAHSASP IQDAVLKRLS LLEDIVYRQL NGLSKSLGLI EGYGGRGKGG LPATLSPAEE EKAKGPHEKY GYNSYLSE) of Human WBSCR17.     |
| <b>Isotype</b>             | IgG                                                                                                                                                                                       |
| <b>Source/Host</b>         | Rabbit                                                                                                                                                                                    |
| <b>Species Reactivity</b>  | Mouse, Rat, Human                                                                                                                                                                         |
| <b>Purification</b>        | Immunogen affinity purified                                                                                                                                                               |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                              |
| <b>Applications</b>        | IHC-P, WB                                                                                                                                                                                 |
| <b>Format</b>              | Liquid                                                                                                                                                                                    |
| <b>Size</b>                | 100 µl                                                                                                                                                                                    |
| <b>Buffer</b>              | pH: 7.20; Constituents: 59% PBS, 40% Glycerol                                                                                                                                             |
| <b>Preservative</b>        | 0.02% Sodium Azide                                                                                                                                                                        |
| <b>Storage</b>             | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.                                                                                                     |

## GENE INFORMATION

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| <b>Gene Name</b>       | <a href="#">WBSCR17 Williams-Beuren syndrome chromosome region 18 [ Homo sapiens ]</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Official Symbol</b> | WBSCR17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>        | WBSCR17; Williams-Beuren syndrome chromosome region 17; GALNT16; GALNT20; GALNTL3; GALNACT17; GalNAc-T5L; putative polypeptide N-acetylgalactosaminyltransferase-like protein 3; galNAc-T-like protein 3; pp-GalNAc-transferase 20; pp-GaNTase-like protein 3; polypeptide GalNAc transferase 3; polypeptide GalNAc transferase-like protein 3; polypeptide N-acetylgalactosaminyltransferase-like 3; polypeptide N-acetylgalactosaminyltransferase WBSCR17; williams-Beuren syndrome chromosomal region 17 protein; protein-UDP acetylgalactosaminyltransferase-like protein 3; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-like 3; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-like protein 3; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 16; |
| <b>Entrez Gene ID</b>  | <a href="#">64409</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>  | <a href="#">NP_071924.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | <a href="#">Q2L4S5</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Pathway</b>         | Metabolism of proteins; Mucin type O-Glycan biosynthesis; O-glycan biosynthesis, mucin type core; O-linked glycosylation of mucins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Function</b>        | metal ion binding; polypeptide N-acetylgalactosaminyltransferase activity;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |