



# Anti-FUT7 (aa 262-342) polyclonal antibody (DPAB-DC1177)

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

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Antigen Description</b> | The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X antigens. The encoded protein can direct the synthesis of the E-selectin-binding sialyl-Lewis X moiety. |
| <b>Immunogen</b>           | FUT7 (NP_004470, 262 a.a. ~ 342 a.a) partial recombinant protein with GST tag. The sequence is<br>YEAFPADAFVHVDDFGSARELAAFLTGMNESRYQRFFAWRDRLRVRLFTDWRERFCAIC<br>DRYPHLPRSQVYEDLEGWFQA  |
| <b>Source/Host</b>         | Mouse   |
| <b>Species Reactivity</b>  | Human   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | WB (Recombinant protein), ELISA,  |
| <b>Size</b>                | 50 µl   |
| <b>Buffer</b>              | 50 % glycerol   |
| <b>Preservative</b>        | None  |
| <b>Storage</b>             | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.  |

## GENE INFORMATION

**Gene Name** [FUT7 fucosyltransferase 7 \(alpha \(1,3\) fucosyltransferase\) \[ Homo sapiens \(human\) \]](#)

|                            |  |
|----------------------------|--|
| <b>Official Symbol</b>     | FUT7   |
| <b>Synonyms</b>            | FUT7; fucosyltransferase 7 (alpha (1,3) fucosyltransferase); FucT-VII; alpha-(1,3)-fucosyltransferase 7; fuc-TVII; fucosyltransferase VII; selectin ligand synthase; selectin-ligand synthase; galactoside 3-L-fucosyltransferase; |
| <b>Entrez Gene ID</b>      | <a href="#">2529</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_004470</a>  |
| <b>UniProt ID</b>          | <a href="#">Q11130</a>   |
| <b>Chromosome Location</b> | 9q34.3   |
| <b>Pathway</b>             | Glycosphingolipid biosynthesis - lacto and neolacto series; Other types of O-glycan biosynthesis.  |
| <b>Function</b>            | alpha-(1->3)-fucosyltransferase activity; fucosyltransferase activity;   |