



# Anti-FUT1 (aa 106-119) polyclonal antibody (DPABH-27440)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Creates a soluble precursor oligosaccharide FuC-alpha ((1,2)Galbeta-) called the H antigen which is an essential substrate for the final step in the soluble A and B antigen synthesis pathway. H and Se enzymes fucosylate the same acceptor substrates but exhibit different Km values.
<b>Immunogen</b>	Synthetic peptide: QLNGRQAFIQPEMH with a Cysteine residue linker, corresponding to internal sequence amino acids 106-119 of Mouse Galactoside 2-alpha-L-fucosyltransferase 1 (NP_032077.2).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Liquid
<b>Size</b>	200 µl
<b>Buffer</b>	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">FUT1 fucosyltransferase 2 [ <i>Mus musculus</i> ]</a>
<b>Official Symbol</b>	FUT1
<b>Synonyms</b>	FUT1; fucosyltransferase 1; galactoside 2-alpha-L-fucosyltransferase 1; H transferase; alpha(1,2)FT 1; beta-galactoside alpha-1,2-fucosyltransferase; GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 1;
<b>Entrez Gene ID</b>	<a href="#">14343</a>
<b>Protein Refseq</b>	<a href="#">NP_001258910.1</a>
<b>UniProt ID</b>	<a href="#">P97327</a>
<b>Pathway</b>	Glycosphingolipid biosynthesis - globo series; Glycosphingolipid biosynthesis - lacto and neolacto series.
<b>Function</b>	galactoside 2-alpha-L-fucosyltransferase activity; transferase activity; transferase activity, transferring glycosyl groups;

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