

## Product datasheet for **AP17406PU-N**

### Galactoside 2 alpha L fucosyltransferase 1 (FUT1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:50 - 1:100. ELISA: 1:1,000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human FUT1
Specificity:	This antibody detects FUT1 at Center.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	fucosyltransferase 1 (H blood group)
Database Link:	<a href="#">Entrez Gene 2523 Human P19526</a>
Background:	FUT1 is a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the soluble A and B antigen synthesis pathway.
Synonyms:	FUT1, HSC
Note:	Molecular weight: 41251 Da
Protein Families:	Druggable Genome, Transmembrane



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**Protein Pathways:** Glycosphingolipid biosynthesis - globo series, Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways

**Product images:**



Western blot analysis of FUT1 antibody (Center) in CEM cell line lysates (35 ug/lane). FUT1 (arrow) was detected using the purified Pab.