

Product datasheet for AP17406PU-N

OriGene Technologies, Inc.

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

Product data:

Product Type: Primary Antibodies

Applications: WE

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: Entrez Gene 2523 Human

P19526

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

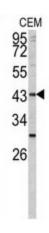




Protein Pathways:

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.