SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FUT11 antibody

Catalog Number: SL16198R

FOR RESEARCH USE ONLY

[DATASHEET]

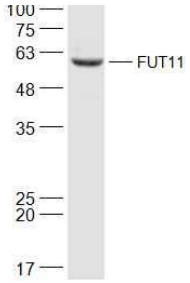
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FUT11
Immunogen:	KLH conjugated synthetic peptide derived from human FUT11: 51-150/492
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Dog,Pig,Cow,Rabbit,Sheep)
Predicted MW.:	56kDa
Subcellular Location:	cytoplasmic
Background:	Glycosyltransferases that mediate the regio- and stereoselective transfer of sugars, such as the fucosyltransferases, determine cell surface-carbohydrate profiles, which are essential interfaces for biological recognition processes. Fucosyltransferases (FucTs) catalyze the covalent association of fucose to different positional linkages on sugar acceptor molecules. The carbohydrate moieties that are generated are covalently attached to cell surfaces and are necessary to ensure a surface contour that satisfies a variety of physiological roles. FucT-XI (fucosyltransferase XI), also known as alpha-(1,3)-fucosyltransferase 11 or galactoside 3-L-fucosyltransferase 11, is a 492 amino acid single-pass type II membrane protein that belongs to the glycosyltransferase 10 family. Localizing to Golgi apparatus, FucT-XI may act as a fucosyltransferase and exists as two alternatively spliced isoforms. The gene encoding FucT-XI maps to mouse chromosome 14 A3. **Function:** Probable fucosyltransferase.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Subcellular Location: Golgi apparatus; Golgi stack membrane. **Similarity:** Belongs to the glycosyltransferase 10 family. **Database links:** **Entrez Gene:** 170384 Human **SwissProt:** Q495W5 Human **Unigene:** 588854 Human

[VALIDATION IMAGES]



Sample:
Kidney (Mouse) Lysate at 40 ug
Primary: Anti-FUT11 (SL16198R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 56 kD
Observed band size: 56 kD

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