SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-FUT10/Biotin Conjugated antibody

Catalog Number: SL16197R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-FUT10/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human FUT10
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 Flow-Cyt=2ug/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse,Rat(predicted:Dog,Sheep,Chimpanzee)
Background:	background: Glycosyltransferases that mediate the regio- and stereoselective transfer of sugars, such as the fucosyltransferases, determine cell surface-carbohydrate profiles, which is an essential interface for biological recognition processes. Fucosyltransferases catalyze the covalent association of fucose to different positional linkages in sugar acceptor molecules. Hematopoietic lineages rely on Fucosyltransferases to confer a surface carbohydrate phenotype, which mediates proper cell adhesion, molecule recruitment and cell trafficking. Localized to the Golgi apparatus as a single-pass transmembrane protein, FucT-X, also designated ?(1,3)-fucosyltransferase 10 or FUT10, is a 479 amino acid protein that is involved in protein modification and glycosylation. There are seven isoforms of FucT-X that are produced as a result of alternative splicing events.

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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	Function: Probable fucosyltransferase. **Subcellular Location:** Golgi apparatus; Golgi stack membrane. **Similarity:** Belongs to the glycosyltransferase 10 family. **Database links:** **Entrez Gene:** 84750 Human **Entrez Gene:** 100444252 Orangutan **Entrez Gene:** 697659 Rhesus monkey **SwissProt:** Q6P4F1 Human **Unigene:** 458713 Human 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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