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FUT8 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14567

Product Information

Application	WB
Primary Accession	Q9BYC5
Other Accession	NM_004480, NP_004471
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66516

Additional Information

Gene ID	2530
Alias Symbol	MGC26465
Other Names	Alpha-(1, 6)-fucosyltransferase, Alpha1-6FucT, 2.4.1.68, Fucosyltransferase 8, GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1, 6-fucosyltransferase, GDP-fucose--glycoprotein fucosyltransferase, Glycoprotein 6-alpha-L-fucosyltransferase, FUT8
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-FUT8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	FUT8 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

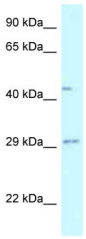
Name	FUT8
Function	Catalyzes the addition of fucose in alpha 1-6 linkage to the first GlcNAc residue, next to the peptide chains in N-glycans (PubMed:17172260, PubMed:29304374, PubMed:36280670, PubMed:9133635). Fucosylates the reducing GlcNAc residue in complex-type N-glycans attached on the fragment crystallizable (Fc) of IgGs. Fully converts Fc glycoforms containing one or two terminal GlcNAc moieties (G0-GlcNAc and G0) (PubMed:36280670).
Cellular Location	Golgi apparatus, Golgi stack membrane; Single-pass type II membrane

protein Note=Membrane-bound form in trans cisternae of Golgi.

References

Yanagidani S.,et al.J. Biochem. 121:626-632(1997).
Cailleau A.,et al.Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.
Yamaguchi Y.,et al.Glycobiology 10:637-643(2000).
Martinez-Duncker I.,et al.Glycobiology 14:13-25(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



WB Suggested Anti-FUT8 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.