

## Product datasheet for **TA351201**

### **FUT8 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: PC-3 cell lysate IHC: 50-200 Positive control: Human gastric cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human FUT8
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67 kDa
Gene Name:	fucosyltransferase 8
Database Link:	<a href="#">NP_835367</a> <a href="#">Entrez Gene 2530 Human</a> <a href="#">Q9BYC5</a>



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**Background:** This gene encodes an enzyme belonging to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternative splicing results in multiple transcript variants

**Synonyms:** MGC26465

**Protein Families:** Transmembrane

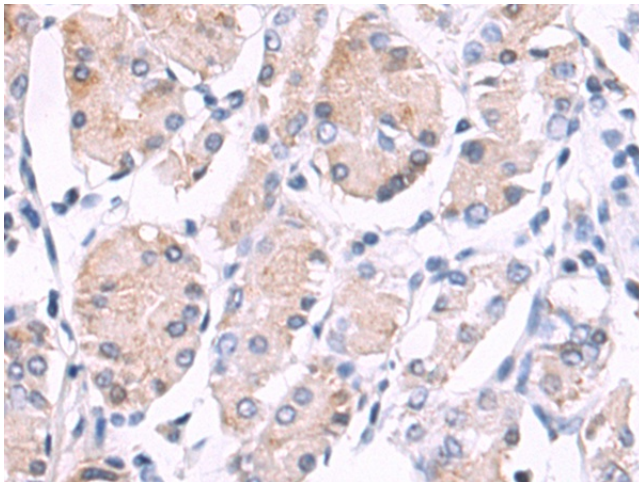
**Protein Pathways:** Keratan sulfate biosynthesis, Metabolic pathways, N-Glycan biosynthesis

### Product images:

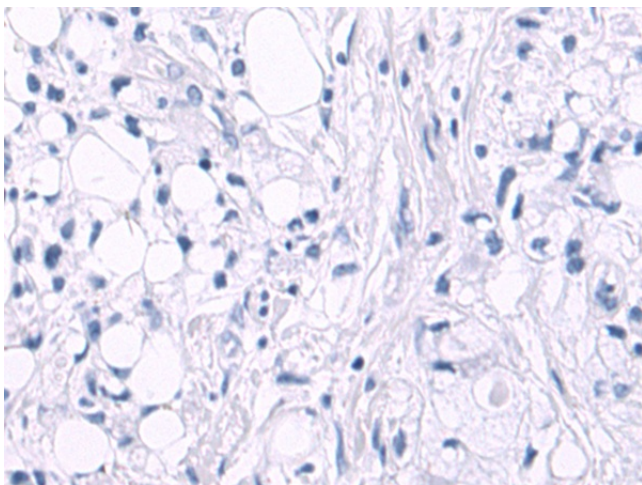
kDa  
130 —  
95 —  
72 —  
55 —  
36 —  
28 —  
17 —



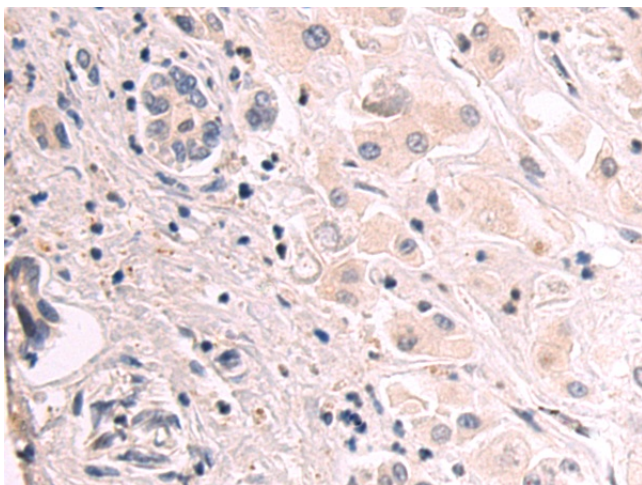
Gel: 6%SDS-PAGE  
Lysate: 40 µg  
Lane 1-2: LoVo cells  
PC3 cells  
Primary antibody: TA351201 (FUT8 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 1 minute



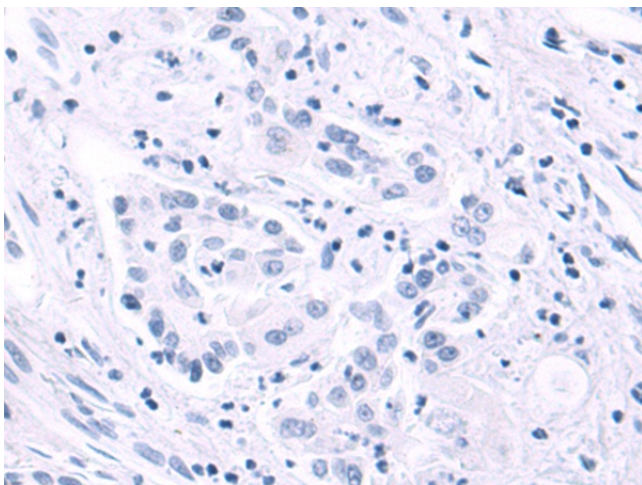
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA351201 (FUT8 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA351201 (FUT8 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351201 (FUT8 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351201 (FUT8 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)