



## Product datasheet

### Anti-FUT4 antibody ab231561

[9 Images](#)

#### Overview

<b>Product name</b>	Anti-FUT4 antibody
<b>Description</b>	Rabbit polyclonal to FUT4
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Recombinant fragment (His-T7-tag) corresponding to Mouse FUT4 aa 100-400. (Expressed in E.coli). Database link: <a href="#">Q11127</a>
	 <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	IHC-P: Mouse lung, brain and kidney tissues. WB: Mouse stomach lysate; HepG2, HeLa and Jurkat cell lysates; Recombinant mouse FUT4 protein.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab231561 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231561 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 49 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

## Target

### Function

May catalyze alpha-1,3 glycosidic linkages involved in the expression of Lewis X/SSEA-1 and VIM-2 antigens.

### Pathway

Protein modification; protein glycosylation.

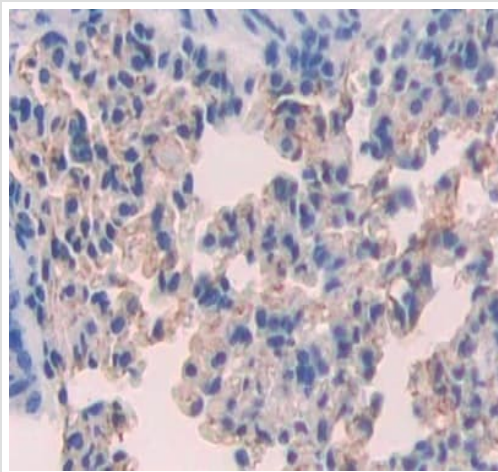
### Sequence similarities

Belongs to the glycosyltransferase 10 family.

### Cellular localization

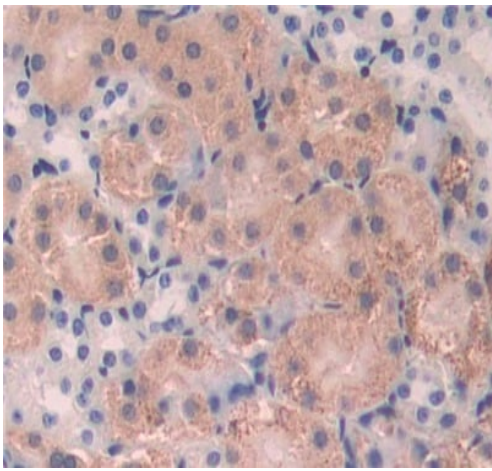
Golgi apparatus > Golgi stack membrane. Membrane-bound form in trans cisternae of Golgi.

## Images



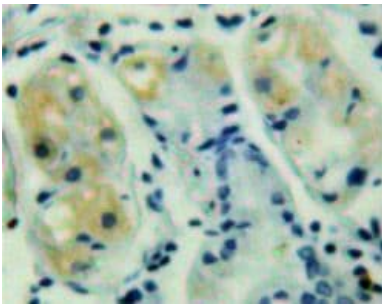
Paraffin-embedded mouse lung tissue stained for CD15 using ab231561 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FUT4 antibody (ab231561)



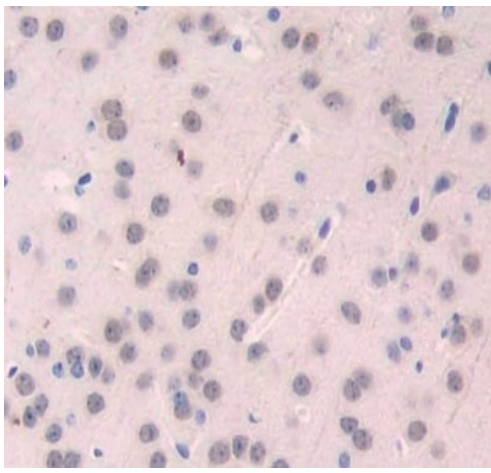
Paraffin-embedded mouse kidney tissue stained for CD15 using ab231561 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FUT4 antibody (ab231561)



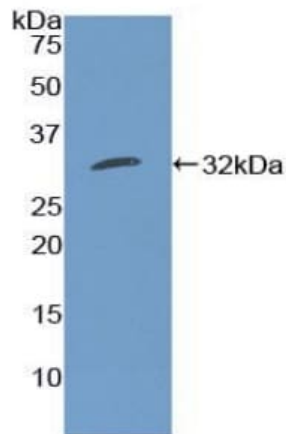
Formalin-fixed, paraffin-embedded mouse stomach tissue stained for CD15 using ab231561 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FUT4 antibody (ab231561)



Paraffin-embedded mouse brain tissue stained for CD15 using ab231561 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FUT4 antibody (ab231561)



Anti-FUT4 antibody (ab231561) at 2 µg/ml + Recombinant mouse CD15 protein

**Predicted band size:** 49 kDa

Western blot - Anti-FUT4 antibody (ab231561)



Anti-FUT4 antibody (ab231561) at 2 µg/ml + HepG2 (human liver hepatocellular carcinoma cell line) cell lysate

**Predicted band size:** 49 kDa

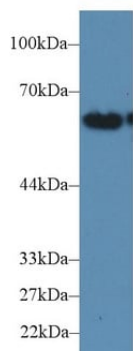
Western blot - Anti-FUT4 antibody (ab231561)



Western blot - Anti-FUT4 antibody (ab231561)

Anti-FUT4 antibody (ab231561) at 2 µg/ml + Mouse stomach lysate

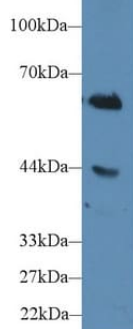
**Predicted band size: 49 kDa**



Western blot - Anti-FUT4 antibody (ab231561)

Anti-FUT4 antibody (ab231561) at 2 µg/ml + HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

**Predicted band size: 49 kDa**



Western blot - Anti-FUT4 antibody (ab231561)

Anti-FUT4 antibody (ab231561) at 2 µg/ml + Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

**Predicted band size: 49 kDa**

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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