

Datasheet for ABIN2802043
anti-FUT8 antibody (AA 329-357)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	FUT8
Binding Specificity:	AA 329-357
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUT8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This FUT8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 329-357 amino acids from the Central region of human FUT8.
Clone:	RB20057
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FUT8
Alternative Name:	FUT8 (FUT8 Products)

Target Details

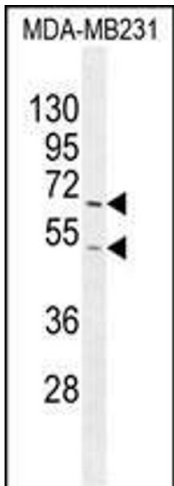
Background:	This enzyme belongs to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternatively spliced variants encoding different isoforms have been identified.
Molecular Weight:	66516
Gene ID:	2530
NCBI Accession:	NP_004471 , NP_835368 , NP_835369
UniProt:	Q9BYC5

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

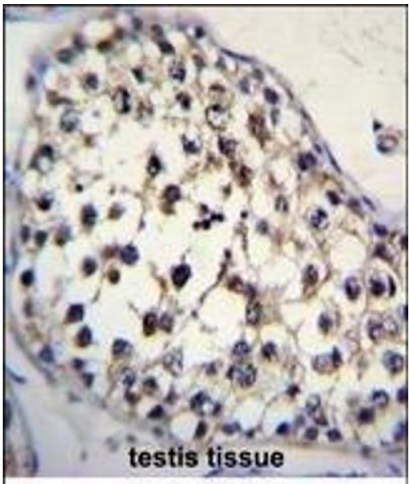
Handling

Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Expiry Date:	6 months



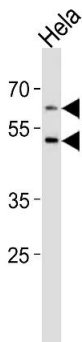
Western Blotting

Image 1. FUT8 Antibody (Center) (ABIN2802043 and ABIN2844707) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the FUT8 antibody detected the FUT8 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. FUT8 Antibody (Center) (ABIN2802043 and ABIN2844707) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FUT8 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 3. Western blot analysis of lysate from HeLa cell line, using FUT8 Antibody (Center) (ABIN2802043 and ABIN2844707). (ABIN2802043 and ABIN2844707) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.