

FUT4 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2773c

Specification

FUT4 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	P22083
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	59084
Antigen Region	242-271

FUT4 Antibody (Center) - Additional Information

Gene ID 2526

Other Names

Alpha-(1, 3)-fucosyltransferase 4, 241-, ELAM-1 ligand fucosyltransferase, Fucosyltransferase 4, Fucosyltransferase IV, Fuc-TIV, FucT-IV, Galactoside 3-L-fucosyltransferase, FUT4, ELFT, FCT3A

Target/Specificity

This FUT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 242-271 amino acids from the Central region of human FUT4.

Dilution

WB~~1:1000
IHC-P~~1:10~50

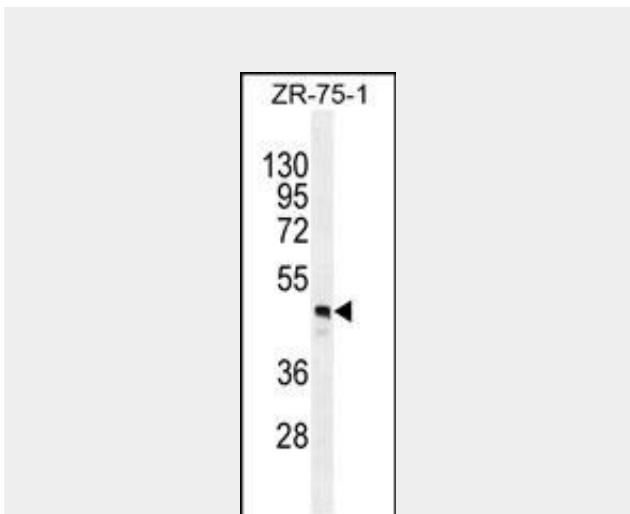
Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

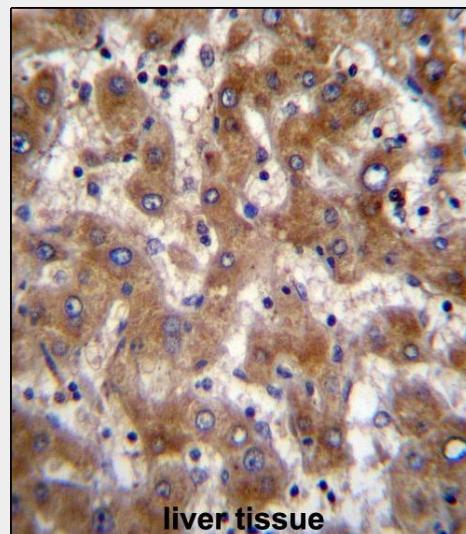
Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions



FUT4 Antibody (Center) (Cat.#AP2773c) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the FUT4 antibody detected the FUT4 protein (arrow).



FUT4 Antibody (Center) (Cat. #AP2773c)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FUT4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

FUT4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

FUT4 Antibody (Center) - Protein Information

Name FUT4

Synonyms ELFT, FCT3A

Function

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

Cellular Location

Golgi apparatus, Golgi stack membrane; Single- pass type II membrane protein.

Note=Membrane-bound form in trans cisternae of Golgi

FUT4 Antibody (Center) - Background

FUT4 catalyzes the synthesis of the non-sialylated antigen, Lewis x (CD15). It has been detected in human embryos (5-10 weeks) suggesting a role in development.

FUT4 Antibody (Center) - References

Zhang,Z., Biochim. Biophys. Acta 1783 (2), 287-296 (2008)

Cruse,J.M., Exp. Mol. Pathol. 83 (2), 274-276 (2007)

FUT4 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)