abcam

Product datasheet

Anti-FUT2 antibody ab177239

1 References 1 Image

Overview

Product name	Anti-FUT2 antibody
Description	Goat polyclonal to FUT2
Host species	Goat
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human **Predicted to work with:** Chimpanzee, Gorilla
Immunogen	Synthetic peptide corresponding to Human FUT2 aa 27-40 (internal sequence) (Cysteine residue). (near N terminus). Sequence: HVQQRLAKIQAMWE Database link: **NP_000502.4** Run BLAST with Run BLAST with
Positive control	Human liver lysate.
General notes	Reported variants represent identical protein: NP_001091107.1, NP_000502.4. 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. 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&As

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA

Purity	Immunogen affinity purified
Purification notes	ab177239 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab177239 in the following tested applications.

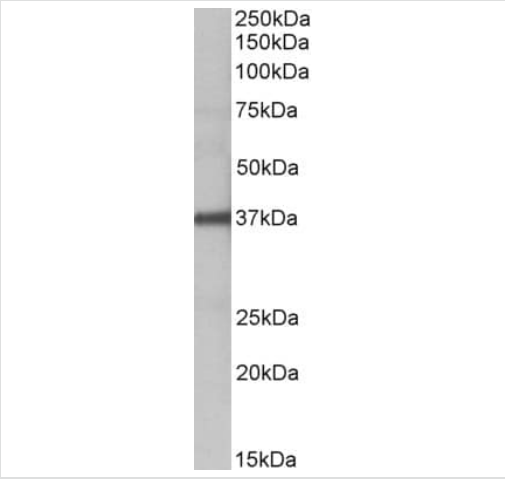
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 37 kDa (predicted molecular weight: 39 kDa). 1 hour primary incubation is recommended for this product.

Target

Function	Creates a soluble precursor oligosaccharide FuC-alpha ((1,2)Galbeta-) called the H antigen which is an essential substrate for the final step in the soluble A and B antigen synthesis pathway. H and Se enzymes fucosylate the same acceptor substrates but exhibit different Km values.
Tissue specificity	Small intestine, colon and lung.
Pathway	Protein modification; protein glycosylation.
Sequence similarities	Belongs to the glycosyltransferase 11 family.
Cellular localization	Golgi apparatus > Golgi stack membrane. Membrane-bound form in trans cisternae of Golgi.

Images



Western blot - Anti-FUT2 antibody (ab177239)

Anti-FUT2 antibody (ab177239) at 1 µg/ml + Human liver lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 39 kDa
Observed band size: 37 kDa

Primary incubation was 1 hour.

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

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