

Datasheet for ABIN2781768
anti-FUT1 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	FUT1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Goat, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FUT1
Sequence:	EATPWKDFAL LTQCNHTIMT IGTFGFWAAY LAGGDTVYLA NFTLPDSEFL
Predicted Reactivity:	Cow: 92%, Dog: 100%, Goat: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against FUT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FUT1
---------	------

Target Details

Alternative Name:	FUT1 (FUT1 Products)
Background:	<p>The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the soluble A and B antigen synthesis pathway. This gene is one of two encoding the galactoside 2-L-fucosyltransferase enzyme. Mutations in this gene are a cause of the H-Bombay blood group.</p> <p>Alias Symbols: H, HH, HSC</p> <p>Protein Interaction Partner: CEBPA,</p> <p>Protein Size: 365</p>
Molecular Weight:	41 kDa
Gene ID:	2523
NCBI Accession:	NM_000148 , NP_000139
UniProt:	P19526

Application Details

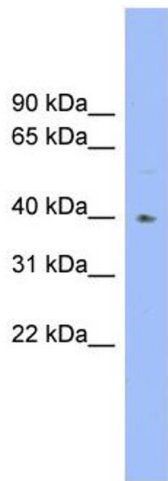
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 365 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Product cited in: Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) ([PubMed](#)).

Validation report #100008 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-FUT1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human heart