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Datasheet for 600-401-BD7

Fat Free Antibody

Overview

Description:	Anti-Fat Free (RABBIT) Antibody - 600-401-BD7
Item No.:	600-401-BD7
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	Fat Free, also known as ANG2, was identified though a yeast two-hybrid screen using VP53. It is thought to be a structural and functional homolog of the yeast protein VPS51, a protein that together with VPS52, VPS53, and VPS54 form the Golgi-associated retrograde protein (GARP) complex that mediates the tethering and fusion of endosome-derived transport carriers to the trans-Golgi network (TGN). Similar to depletion of any of the VPS52, VPS53, or VPS54, depletion of Fat Free using RNAi impairs protein retrieval to the TGN indicating that Fat Free is missing component of the GARP complex in most eukaryotes.
Synonyms:	Fat Free homolog Antibody, FFR, ANG2, ANG3, C11orf2, C11orf3, PP5382, Vacuolar protein sorting-associated protein 51 homolog, Another new gene 2 protein, Protein fat-free homolog, VPS51
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	VPS51
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-Fat Free antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid synthetic peptide near the C-terminus of human Fat Free.

Purity/Specificity:	Anti-Fat Free Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least two alternatively spliced isoforms are known to exist; this antibody will detect both isoforms.
Relevant Links:	• UniProtKB - Q9UID3 • GeneID - 738 • NCBI - NP_037397

Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-Fat Free Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 86 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
WB:	1 µg/mL

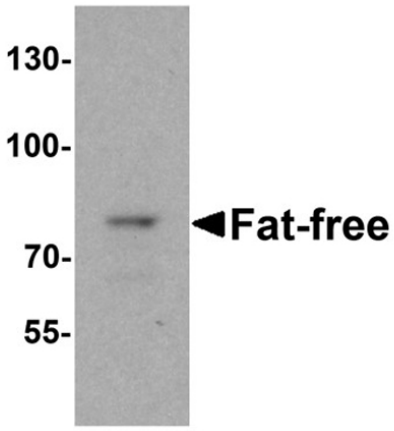
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot
Western blot analysis of Fat Free Antibody.
Load: mouse brain tissue lysate.
Primary Antibody: Fat Free antibody at 1 µg/mL.

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