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Datasheet for ABIN1450001  
**anti-VPS51 antibody (C-Term)**

1 Image

### Overview

Quantity:	0.1 mg
Target:	VPS51
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS51 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

### Product Details

Immunogen:	Fat Free antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of Human Fat Free
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

### Target Details

Target:	VPS51
Alternative Name:	FFR / ANG2 ( <a href="#">VPS51 Products</a> )
Background:	Fat Free, also known as ANG2, was identified through 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)

## Target Details

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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: Another new gene 2 protein, C11orf2, PP5382, Protein fat-free homolog

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Molecular Weight: 86 kDa

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Gene ID: 738

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NCBI Accession: [NP\\_037397](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Concentration: 1.0 mg/mL

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Buffer: PBS containing 0.02 % Sodium Azide as preservative

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Preservative: Sodium azide

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Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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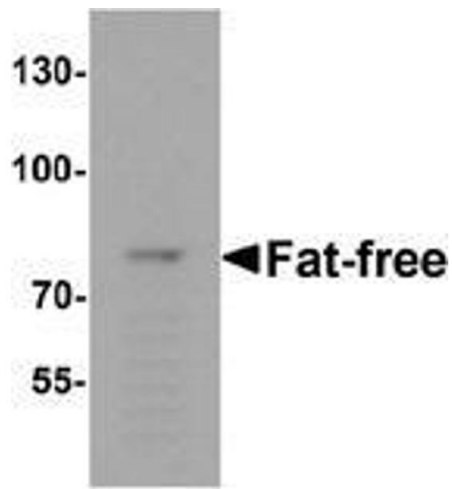
Handling Advice: Avoid repeated freezing and thawing.

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Storage: -20 °C

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Storage Comment: Store the antibody (in aliquots) at -20 °C.



#### Western Blotting

**Image 1.** Western blot analysis of Fat-free in mouse brain tissue lysate with Fat-free Antibody at 1  $\mu\text{g}/\text{ml}$ .