

Datasheet for ABIN1537627
anti-FIG4 antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	FIG4
Binding Specificity:	AA 846-874, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FIG4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FIG4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 846-874 amino acids from the C-terminal region of human FIG4.
Clone:	RB24204
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FIG4
Alternative Name:	FIG4 (FIG4 Products)
Background:	The protein encoded by this gene belongs to the SAC domain-containing protein gene family.

Target Details

The SAC domain, approximately 400 amino acids in length and consisting of seven conserved motifs, has been shown to possess phosphoinositide phosphatase activity. The yeast homolog, Sac1p, is involved in the regulation of various phosphoinositides, and affects diverse cellular functions such as actin cytoskeleton organization, Golgi function, and maintenance of vacuole morphology. Membrane-bound phosphoinositides function as signaling molecules and play a key role in vesicle trafficking in eukaryotic cells. Mutations in this gene have been associated with Charcot-Marie-Tooth disease, type 4J.

Molecular Weight: 103635

Gene ID: 9896

NCBI Accession: [NP_055660](#)

UniProt: [Q92562](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

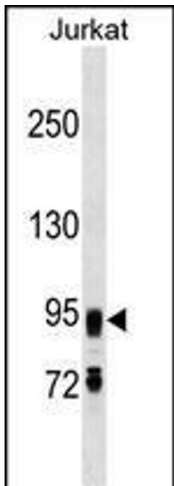
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

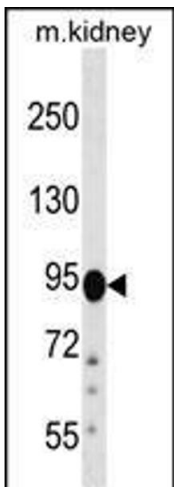
Storage Comment: FIG4 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. FIG4 Antibody (C-term) (ABIN1537627 and ABIN2849648) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the FIG4 antibody detected the FIG4 protein (arrow).



Western Blotting

Image 2. FIG4 Antibody (C-term) (ABIN1537627 and ABIN2849648) western blot analysis in mouse kidney tissue lysates (35 µg/lane). This demonstrates the FIG4 antibody detected the FIG4 protein (arrow).