

Datasheet for ABIN657143  
**anti-AFG3L2 antibody (N-Term)**



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2 Images

### Overview

Quantity:	400 µL
Target:	AFG3L2
Binding Specificity:	AA 52-80, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	This AFG3L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 52-80 amino acids from the N-terminal region of human AFG3L2.
Clone:	RB33011
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	AFG3L2
Alternative Name:	AFG3L2 ( <a href="#">AFG3L2 Products</a> )
Background:	This gene encodes a protein localized in mitochondria and closely related to paraplegin. The

## Target Details

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paraplegin gene is responsible for an autosomal recessive form of hereditary spastic paraplegia. This gene is a candidate gene for other hereditary spastic paraplegias or neurodegenerative disorders.

Molecular Weight: 88584

NCBI Accession: [NP\\_006787](#)

UniProt: [Q9Y4W6](#)

Pathways: [Skeletal Muscle Fiber Development](#)

## Application Details

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Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

## Handling

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Format: Liquid

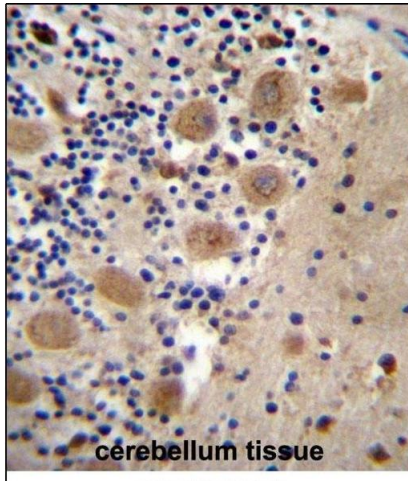
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

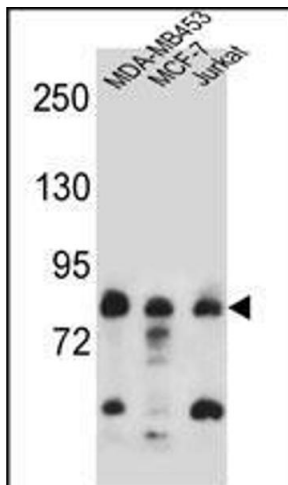
Storage: 4 °C, -20 °C

Expiry Date: 6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** AFG3L2 Antibody (N-term) (ABIN657143 and ABIN2846279) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of AFG3L2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** AFG3L2 Antibody (N-term) (ABIN657143 and ABIN2846279) western blot analysis in MDA-M, MCF-7, Jurkat cell line lysates (35 µg/lane). This demonstrates the AFG3L2 antibody detected the AFG3L2 protein (arrow).