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Datasheet for ABIN7143583

**anti-AFG3L2 antibody (AA 550-759) (Biotin)**

## Overview

Quantity:	100 µg
Target:	AFG3L2
Binding Specificity:	AA 550-759
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AFG3L2 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human AFG3-like protein 2 protein (550-759AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	AFG3L2
Alternative Name:	AFG3L2 ( <a href="#">AFG3L2 Products</a> )
Background:	Background: ATP-dependent protease which is essential for axonal and neuron development. In neurons, mediates degradation of SMDT1/EMRE before its assembly with the uniporter

## Target Details

complex, limiting the availability of SMDT1/EMRE for MCU assembly and promoting efficient assembly of gatekeeper subunits with MCU (PubMed:27642048). Required for the maturation of paraplegin (SPG7) after its cleavage by mitochondrial-processing peptidase (MPP), converting it into a proteolytically active mature form (By similarity).

Aliases: AFG3 (ATPase family gene 3, yeast) like 2 antibody, AFG3 ATPase family gene 3 like 2 (yeast) antibody, AFG3 ATPase family gene 3 like 2 antibody, AFG3 like protein 2 antibody, AFG3-like protein 2 antibody, AFG32\_HUMAN antibody, AFG3L2 antibody, ATPase family gene 3 like 2 antibody, ATPase family gene 3 yeast antibody, EC 3.4.24.- antibody, FLJ25993 antibody, Paraplegin like protein antibody, Paraplegin-like protein antibody, SCA28 antibody, Spinocerebellar ataxia 28 antibody

UniProt: [Q9Y4W6](#)

Pathways: [Skeletal Muscle Fiber Development](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.