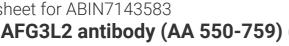
Datasheet for ABIN7143583 anti-AFG3L2 antibody (AA 550-759) (Biotin)



-online.com antibodies



## 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)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	AFG3L2
Alternative Name:	AFG3L2 (AFG3L2 Products)
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

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	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