

Rabbit AFG3L2 Polyclonal Antibody | anti-AFG3L2 antibody

AFG3L2 Antibody (N-term)

CATALOG # AAA286084	HOST Rabbit	REACTIVITY Human Predicted Reactivity: Bovine, Mouse	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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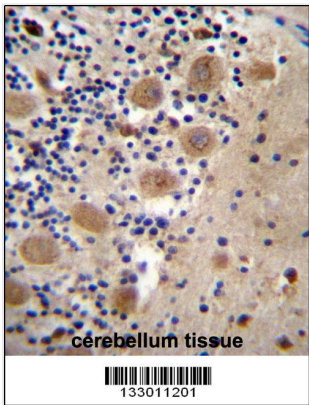
PRODUCT SYNONYMS

AFG3L2; Polyclonal Antibody; AFG3L2 Antibody (N-term); AFG3-like protein 2; 3424-; Paraplegin-like protein; anti-AFG3L2 antibody

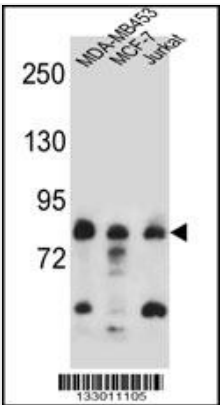
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Bovine, Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	52-80
Sequence Length	797
Applicable Applications for anti-AFG3L2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Cellular Location	Mitochondrion. Mitochondrion inner membrane. ECO:0000250 UniProtKB:Q8JZQ2};Multi-pass membrane protein
Antigen Region	52-80
Tissue Location	Ubiquitous. Highly expressed in the cerebellar Purkinje cells.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
AFG3L2 Antibody (N-term) 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.



WB (Western Blot)
AFG3L2 Antibody (N-term) western blot analysis in MDA-MB453,MCF-7,Jurkat cell line lysates (35ug/lane).This demonstrates the AFG3L2 antibody detected the AFG3L2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti- AFG3L2 antibody	This gene encodes a protein localized in mitochondria and closely related to paraplegin. The 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.
Product Categories/Family for anti- AFG3L2 antibody	Cell Biology; Metabolism; Neuroscience; Signal Transduction
References	Edener, U., et al. Eur. J. Hum. Genet. 18(8):965-968(2010) Di Bella, D., et al. Nat. Genet. 42(4):313-321(2010) Augustin, S., et al. Mol. Cell 35(5):574-585(2009) Mariotti, C., et al. Cerebellum 7(2):184-188(2008) Cagnoli, C., et al. Brain 129 (PT 1), 235-242 (2006) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	300192933
NCBI GeneID	10939
NCBI Accession #	NP_006787.2
NCBI GenBank Nucleotide #	NM_006796.2
UniProt Accession #	Q9Y4W6; Q6P1L0
Molecular Weight	88584
NCBI Official Full Name	AFG3-like protein 2
NCBI Official Synonym Full Names	AFG3-like AAA ATPase 2
NCBI Official Symbol	AFG3L2
NCBI Official Synonym Symbols	SCA28; SPAX5
NCBI Protein Information	AFG3-like protein 2
UniProt Protein Name	AFG3-like protein 2
UniProt Gene Name	AFG3L2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/afg3l2-antibody-immunohistochemistry-western-blot-elisa/286084>