

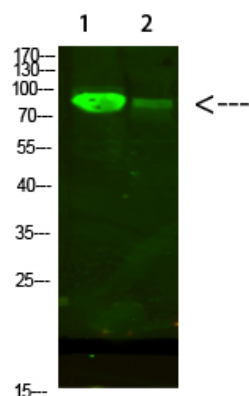


# AFG3L2 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-10779
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	AFG3L2
<b>Protein Name</b>	AFG3L2
<b>Immunogen</b>	Synthesized peptide derived from human AFG3L2. at AA range: 744-793
<b>Specificity</b>	AFG3L2 Polyclonal Antibody detects endogenous levels of AFG3L2
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000, ELISA 1:10000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein)
<b>Observed Band</b>	88kD
<b>Cell Pathway</b>	Mitochondrion . Mitochondrion inner membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Ubiquitous. Highly expressed in the cerebellar Purkinje cells.
<b>Function</b>	cofactor:Binds 1 zinc ion per subunit .,function:Putative ATP-dependent protease.,similarity:In the C-terminal section; belongs to the peptidase M41 family.,similarity:In the N-terminal section; belongs to the AAA ATPase family.,tissue specificity:Ubiquitous.,
<b>Background</b>	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. [provided by RefSeq, Jul 2008],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images



Western Blot analysis of 1,mouse-heart 2,293T cells using primary antibody diluted at 1:500(4°C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25°C, 1 hour)