

**AFG3L2 rabbit pAb****Cat#: orb771741 (Manual)**

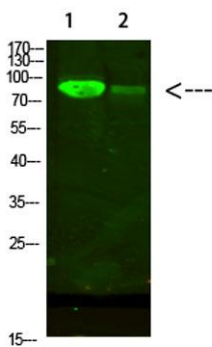
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<b>Product Name</b>	AFG3L2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000, ELISA 1:10000-20000
<b>Immunogen</b>	Synthesized peptide derived 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>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	AFG3L2
<b>Gene Name</b>	AFG3L2
<b>Cellular localization</b>	Mitochondrion . Mitochondrion inner membrane ; Multi-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	88kD
<b>Human Gene ID</b>	10939
<b>Human Swiss-Prot Number</b>	Q9Y4W6
<b>Alternative Names</b>	AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein)

## Background

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],



**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)**