

A23598

Leader in Biomolecular Solutions for Life Science



# AFG3L2 Rabbit pAb

Catalog No.: A23598

## Basic Information

### Observed MW

80kDa

### Calculated MW

89kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IP,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IHC-P** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
400µg-600µg extracts  
of whole cells

**ELISA** Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

## Immunogen Information

### Gene ID

10939

### Swiss Prot

Q9Y4W6

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

OPA12; SCA28; SPAX5; AFG3L2

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

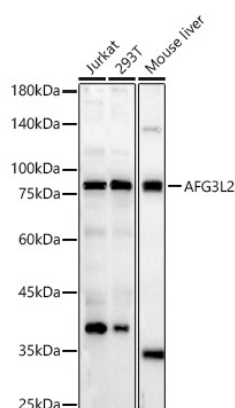
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data



Western blot analysis of various lysates, using AFG3L2 Rabbit pAb (A23598) at 1:1000 dilution.

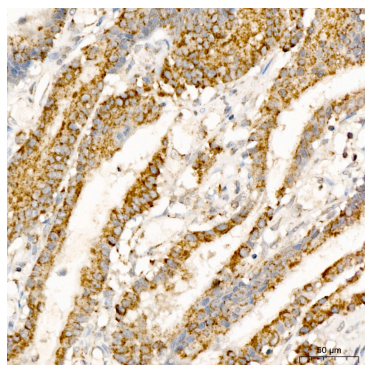
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

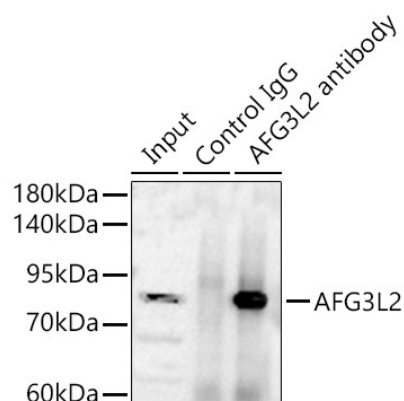
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using AFG3L2 Rabbit pAb (A23598) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunoprecipitation analysis of 600ug extracts of Mouse liver using 3ug AFG3L2 Rabbit pAb (A23598 1:100). Western blot was performed from the immunoprecipitate using AFG3L2 Rabbit pAb (A23598) at a dilution of 1:500.