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AFG3L2 Rabbit pAb

Catalog No.: A15393

Basic Information

Observed MW

80-90kDa

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

200µg-400µg extracts of whole cells

ELISA Recommended starting

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

Contact

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Immunogen Information

Gene IDSwiss Prot
10939
Q9Y4W6

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 538-797 of human AFG3L2 (NP_006787.2).

Synonyms

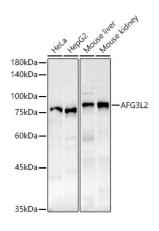
OPA12; SCA28; SPAX5; AFG3L2

Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.



Western blot analysis of various lysates, using AFG3L2 Rabbit pAb (A15393) at 1:500 dilution.

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

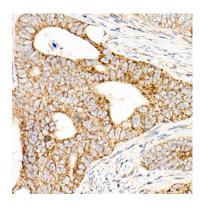
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

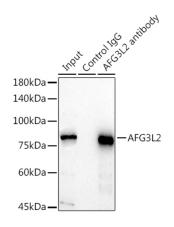
Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.

dilution.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using AFG3L2 Rabbit pAb (A15393) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunoprecipitation analysis of 300 μ g extracts of HeLa cells using 3 μ g AFG3L2 antibody (A15393). Western blot was performed from the immunoprecipitate using AFG3L2 antibody (A15393) at a dilution of 1:1000.