

Product Datasheet

AFG3L2 Antibody NBP2-97748-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-97748-100ul**AFG3L2 Antibody****Product Information**

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.03% Proclin 300
Isotype	IgG
Purity	Antigen and protein A Affinity-purified
Buffer	PBS (pH 7.0)

Product Description

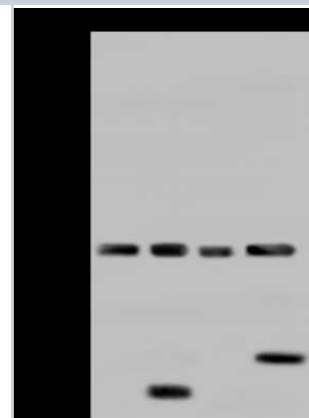
Description	This antibody can be stored at 2C to 8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	10939
Gene Symbol	AFG3L2
Species	Human
Immunogen	Produced in rabbits immunized with E. coli-derived Human AFG3L2 fragment.

Product Application Details

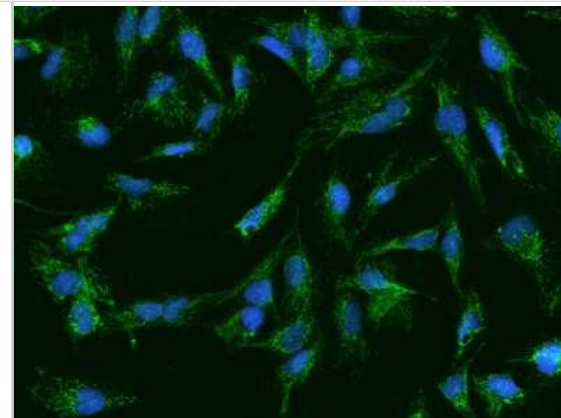
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Immunocytochemistry/Immunofluorescence 1:100-1:500, Immunoprecipitation 5-10 uL/mg of lysate, Immunohistochemistry-Paraffin 1:500-1:2000

Images

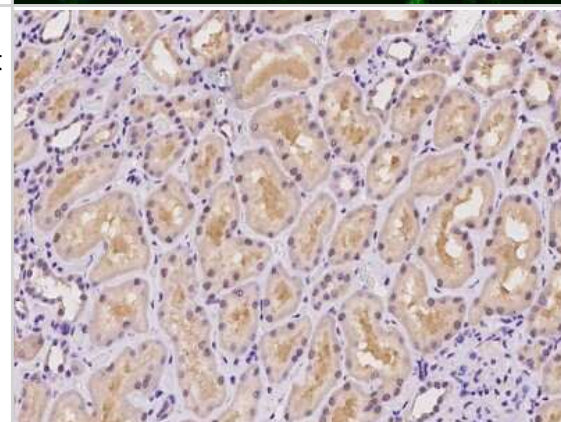
Western Blot: AFG3L2 Antibody [NBP2-97748] - Anti-AFG3L2 rabbit polyclonal antibody at 1:500 dilution. Lane A: Hela Whole Cell Lysate Lane B: MDA-MB453 Whole Cell Lysate Lane C: MCF-7 Whole Cell Lysate Lane D: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 89 kDa. Observed band size: 95 kDa (We are unsure as to the identity of these extra bands).



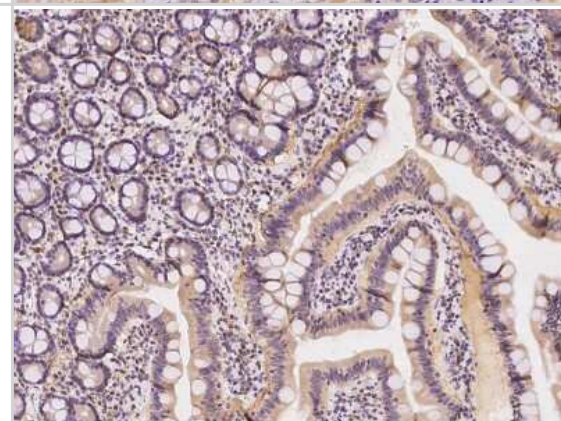
Immunocytochemistry/Immunofluorescence: AFG3L2 Antibody [NBP2-97748] - Immunofluorescence staining of AFG3L2 in U251MG cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human AFG3L2 polyclonal antibody (dilution ratio 1:200) at 4C overnight. Then cells were stained with the Alexa Fluor(R)488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



Immunohistochemistry-Paraffin: AFG3L2 Antibody [NBP2-97748] - Immunochemical staining of human AFG3L2 in human kidney with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry-Paraffin: AFG3L2 Antibody [NBP2-97748] - Immunochemical staining of human AFG3L2 in human duodenum with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



Immunoprecipitation: AFG3L2 Antibody [NBP2-97748] - AFG3L2 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 ul anti-AFG3L2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-AFG3L2 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H +L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 89 kDa. Observed band size: 95 kDa





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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