

Product Datasheet

ATG12 Antibody - BSA Free

NBP2-15501

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-15501

ATG12 Antibody - BSA Free

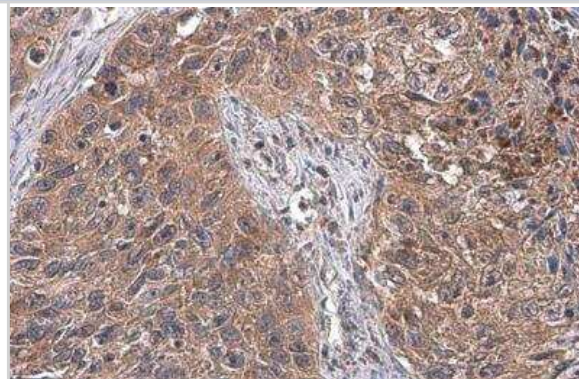
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	15 kDa

Product Description	
Host	Rabbit
Gene ID	9140
Gene Symbol	ATG12
Species	Human, Mouse, Rat
Reactivity Notes	Pig (81%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human ATG12. The exact sequence is proprietary.

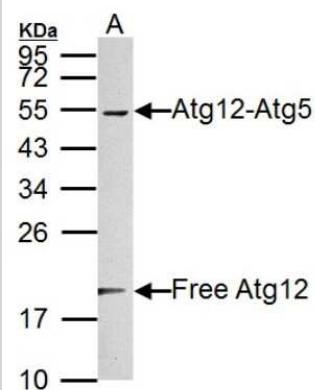
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence -Assay dependent, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

Images

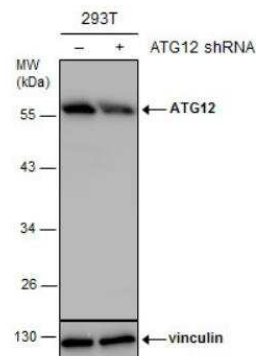
Immunohistochemistry-Paraffin: ATG12 Antibody [NBP2-15501] - Human lung cancer. ATG12 stained by ATG12 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



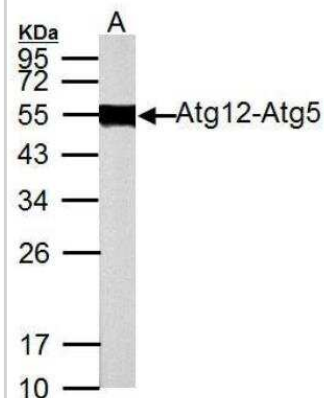
Western Blot: ATG12 Antibody [NBP2-15501] - Sample (30 ug of whole cell lysate) A: NIH-3T3 12% SDS PAGE gel, diluted at 1:1000.



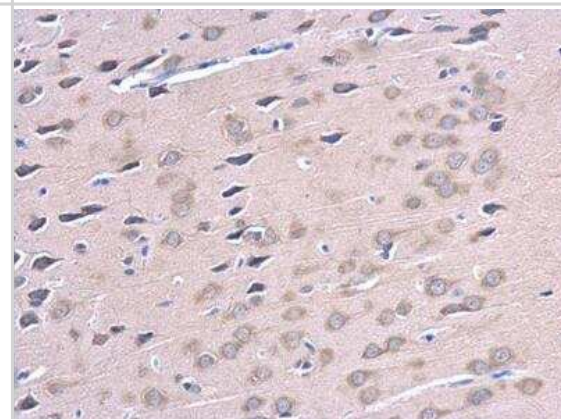
Western Blot: ATG12 Antibody [NBP2-15501] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ATG12 antibody.



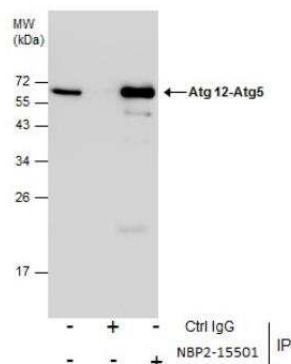
Western Blot: ATG12 Antibody [NBP2-15501] - Sample (50 ug of whole cell lysate) A: Rat brain 12% SDS PAGE diluted at 1:1000 The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



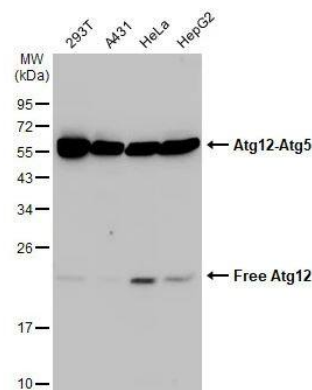
Immunohistochemistry-Paraffin: ATG12 Antibody [NBP2-15501] - Rat brain. ATG12 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunoprecipitation: ATG12 Antibody [NBP2-15501] - Immunoprecipitation of Atg 12-Atg5 protein from 293T whole cell extracts using 5 ug of ATG12 antibody. Western blot analysis was performed using ATG12 antibody. EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Western Blot: ATG12 Antibody [NBP2-15501] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with ATG12 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Publications

Thomas A, Samykutty A, Gomez-Gutierrez JG et al. Actively Targeted Nanodelivery of Echinomycin Induces Autophagy-Mediated Death in Chemoresistant Pancreatic Cancer In Vivo Cancers (Basel) 2020-08-14 [PMID: 32823919] (WB, Human)

Chang CH, Bijian K, Wernic D et al. A novel orally available seleno-purine molecule suppresses triple-negative breast cancer cell proliferation and progression to metastasis by inducing cytosolic autophagy Autophagy 2019-03-01 [PMID: 30773992] (IF/IHC, Human)

Tan D, Zhou C, Han S et al. MicroRNA-378 enhances migration and invasion in cervical cancer by directly targeting autophagy-related protein 12. Mol Med Rep. 2018-02-27 [PMID: 29488616] (IHC-P, Human)

Chang CH, Bijian K, Qiu D et al. Endosomal sorting and c-Cbl targeting of paxillin to autophagosomes regulate cell-matrix adhesion turnover in human breast cancer cells. Oncotarget. 2017-05-09 [PMID: 28415719] (WB, Human)



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Products Related to NBP2-15501

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00009140-P01-10ug	Recombinant Human ATG12 GST (N-Term) Protein

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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