

Product Datasheet

ATG12 Antibody - BSA Free NB600-603

Unit Size: 0.25 mg

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

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NB600-603

ATG12 Antibody - BSA Free

Product Information	
Unit Size	0.25 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

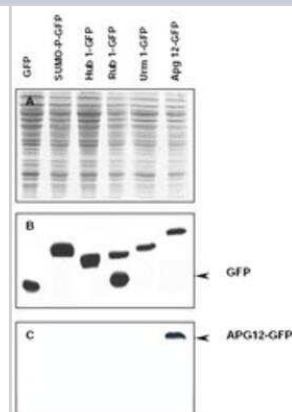
Product Description	
Description	<p>This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum.</p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	9140
Gene Symbol	ATG12
Species	Yeast
Immunogen	This purified ATG12 Antibody was prepared from rabbit serum after repeated immunizations with recombinant yeast ATG12 protein. (Uniprot: P38316)

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:1000-1:5000
Application Notes	This purified polyclonal antibody reacts yeast APG12 by western blot and ELISA. Although not tested, this antibody is likely functional in immunohistochemistry and immunoprecipitation. This antibody using the specified conditions may recognize other prominent intrinsic bands (UBLs or their conjugates). Other intrinsic bands are readily detectable in yeast lysates at lower antibody dilutions.

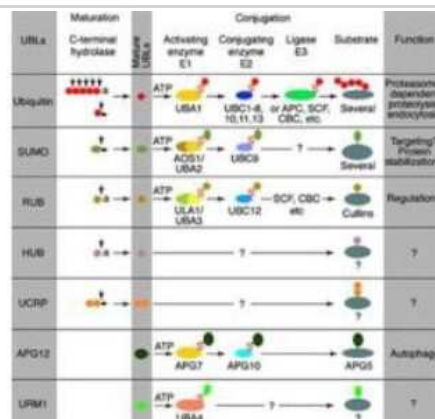


Images

Western Blot: ATG12 Antibody [NB600-603] - Immunoblot of APG12 fusion protein. Anti-APG12 antibody generated by immunization with recombinant yeast APG12 was tested by immunoblot against yeast lysates expressing the APG12-GFP fusion protein and other UBL fusion proteins. All UBLs possess limited homology to Ubiquitin and to each other, therefore it is important to know the degree of reactivity of each antibody against each UBL.



N/A: ATG12 Antibody [NB600-603]



Publications

Romanov J, Walczak M, Ibiricu I et al. Mechanism and functions of membrane binding by the Atg5-Atg12/Atg16 complex during autophagosome formation EMBO J 2012-10-12 [PMID: 23064152] (WB, Bacteria)



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Products Related to NB600-603

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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