Product Datasheet

UBL5 Antibody - BSA Free

NB600-470

Unit Size: 0.5 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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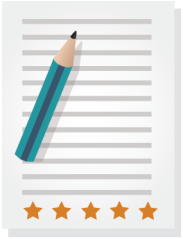


NB600-470

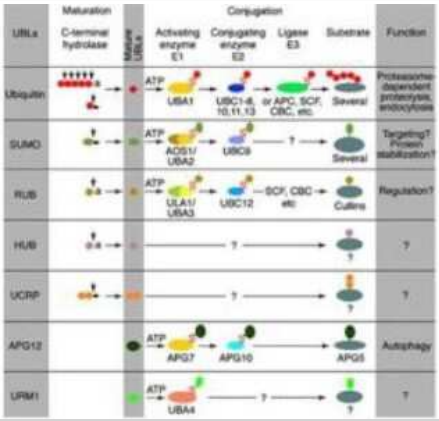
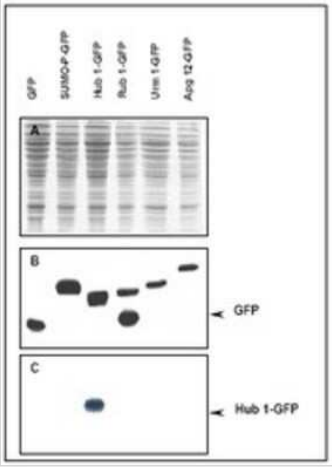
UBL5 Antibody - BSA Free

Product Information	
Unit Size	0.5 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
Description	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. 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.
Host	Rabbit
Gene ID	59286
Gene Symbol	UBL5
Species	Yeast
Immunogen	This purified UBL5 Antibody was prepared from rabbit serum after repeated immunizations with recombinant yeast UBL5 protein. (Uniprot: Q6Q546)

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 with yeast Hub1 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 conjugates). Other intrinsic bands are readily detectable at lower dilutions. For immunoblotting a 9.7 kDa band corresponding to yeast Hub1 is detected. Most yeast cell lysates can be used as a positive control without induction or stimulation.

Images

Western Blot: UBL5 Antibody [NB600-470] - Panel B shows positions of free GFP or GFP containing recombinant proteins present in each lysate preparation after reaction with a 1:1,000 dilution of anti-GFP followed by reaction with a 1:15,000 dilution of HRP Donkey-a-Goat IgG MX. Panel C shows specific reaction with Hub1 using a 1:500 dilution of IgG fraction of Rabbit-anti-Hub1 (Yeast) followed by reaction with a 1:15,000 dilution of HRP Goat-a-Rabbit IgG MX. All primary antibodies were diluted in TTBS buffer supplemented with 5% non-fat milk and incubated with the membranes overnight at 4 C. Yeast lysate proteins were separated by SDS-PAGE using a 15% gel. This data indicates that anti-Hub1 is highly specific and does not cross react with other UBLs.	
Western Blot: UBL5 Antibody [NB600-470] - Anti-Hub1 raised from recombinant yeast Hub1. All UBLs possess limited homology to Ubiquitin & to each other; hence it is important to know degree of reactivity of each antibody against each UBL. Panel A shows total protein staining using ponceau. Panel B shows positions of free GFP or GFP containing recombinant proteins after reaction with 1:1,000 dilution of anti-GFP followed by reaction with 1:15,000 dilution of HRP Donkey-a-Goat IgG MX. Panel C shows specific reaction with Hub1 using 1:500 dilution of Rabbit-anti-Hub1 (Yeast) followed by reaction with 1:15,000 dilution of HRP Goat-a-Rabbit IgG MX. All primaries were diluted in TTBS buffer with 5% non-fat milk & incubated with membranes overnight at 4C. Yeast lysate proteins separated by SDS-PAGE using a 15% gel. Data indicates that anti-Hub1 is highly specific & does not cross react with other UBLs. A chemiluminescence system was used for signal detection (Roche).	

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Products Related to NB600-470

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72328-0.1mg	Recombinant Human UBL5 His 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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