

Product Datasheet

Ajuba Antibody - BSA Free

NB600-468

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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Updated 2/21/2025 v.20.1

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Ajuba Antibody - BSA Free

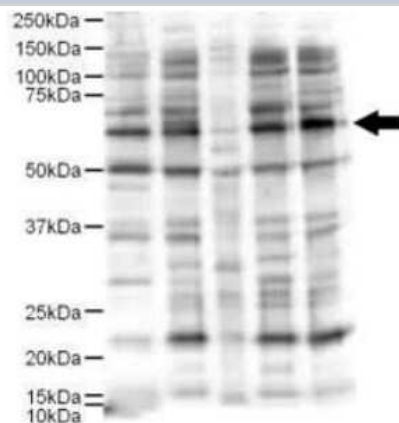
Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This affinity purified antibody is directed against human Ajuba. The product was affinity purified from antiserum by immunoaffinity purification Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. 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	84962
Gene Symbol	AJUBA
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest reactivity with this protein from human, rat, dog, mouse and chimpanzee based on 100% homology for the immunogen sequence. Cross reactivity with Ajuba protein homologues from other sources has not been determined.
Immunogen	This affinity purified Ajuba Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding aa 224-239 of Human Ajuba. (Uniprot: Q96IF1)
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2500, ELISA 1:20000-1:80000, Immunoprecipitation 1:100
Application Notes	This affinity purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 57 kDa in size corresponding to AJUBA by western blotting in the appropriate cell lysate or extract.



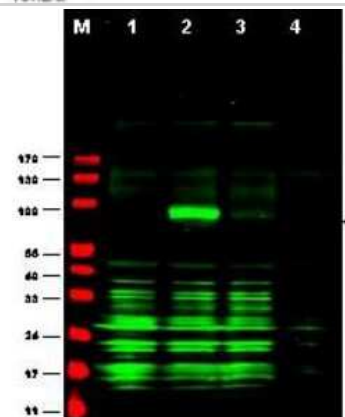
Images

Western Blot: Ajuba Antibody [NB600-468] - Analysis of a 57-kDa band consistent with the expected MW for Ajuba (arrowhead). Lanes correspond to 1) HeLa nuclear extract, and 2) HeLa, 3) A431, 4) Jurkat and 5) 293 whole cell lysates. Immunoprecrecipitation of Ajuba followed by western blotting may result in cleaner background staining.

Approximately 5 ug of each preparation was run on a SDS-PAGE and transferred onto nitrocellulose followed by reaction with a 1:500 dilution of anti-Ajuba antibody. Detection occurred using a 1:5,000 dilution of HRP-labeled Donkey anti-Rabbit IgG for 1 hour at room temperature. A chemiluminescence system was used for signal detection (Roche) using a 60-sec exposure time.



Western Blot: Ajuba Antibody [NB600-468] - Analysis of Ajuba-RFP fusion protein in cell lysates (arrow-head). Lanes correspond to 1) vector only transfection, 2) human Ajuba-RFP, 3) mouse Ajuba-RFP, and 4) mock transfection. Approximately 50 ug of each lysate was loaded per lane for SDS-PAGE followed by transfer onto nitrocellulose and reaction with a 1:1,700 dilution of anti-Ajuba antibody. Detection occurred using a 1:10,000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] for 45 min at room temperature (800 nm channel, green).





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Products Related to NB600-468

NBL1-12114	Ajuba Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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