

Ajuba antibody

Cat. No. GTX48743

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IP, ELISA
Reactivity	Human

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:2500
IP	1:100
ELISA	1:20000-1:80000

Not tested in other applications.

Calculated MW 57 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.67 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding aa 224-239 of Human Ajuba.
Purification	Purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated

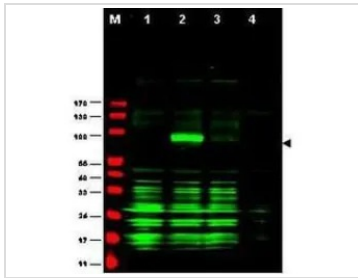
Note

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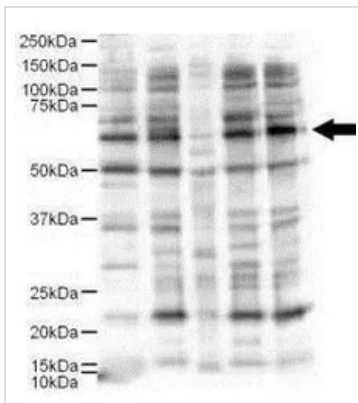
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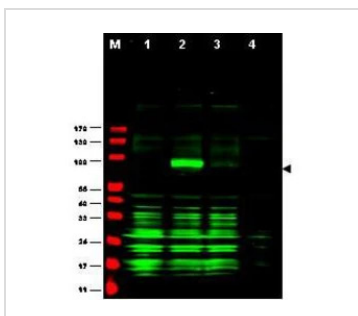
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DATA IMAGES

GTx48743 WB Image

Western blot using Affinity Purified anti-Ajuba antibody shows detection of Ajuba-RFP fusion protein in cell lysates (arrow-head). Lanes correspond to 1) vector only trans-fec-tion, 2) human Ajuba-RFP, 3) mouse Ajuba-RFP, and 4) mock transfection. Approximately 50 µg 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.


GTx48743 WB Image

Western blot using Affinity Purified anti-Ajuba antibody shows detection 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. Immunoprecipitation of Ajuba followed by western blotting may result in cleaner background staining. Approximately 5 µg 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.


GTx48743 WB Image

WB analysis of transfected and non-transfected lysate using GTx48743 Ajuba antibody.

Lane 1 : Vector only

Lane 2 : Human Ajuba-RFP

Lane 3 : Mouse Ajuba-RFP

Lane 4 : Mock

Loading : 50 µg

Dilution : 1:700



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