

Product Datasheet

RaIA Antibody (JE54-12) NBP3-32891

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32891

RalA Antibody (JE54-12)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE54-12
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	24 kDa
Product Description	
Host	Rabbit
Gene ID	5898
Gene Symbol	RALA
Species	Human
Immunogen	Recombinant protein within Human RalA aa 107-206 / 206. (Uniprot: P11233)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:1000



Images

Western Blot: RaLA Antibody (JE54-12) [NBP3-32891] - Western blot analysis of RaLA on different lysates with Rabbit anti-RaLA antibody (NBP3-32891) at 1/500 dilution.

Lane 1: LOVO cell lysate (10 ug/Lane)
 Lane 2: HCT116 cell lysate (10 ug/Lane)
 Lane 3: HT-29 cell lysate (10 ug/Lane)
 Lane 4: SW480 cell lysate (10 ug/Lane)
 Lane 5: 293 cell lysate (10 ug/Lane)
 Lane 6: Human kidney tissue lysate (20 ug/Lane)

Predicted band size: 24 kDa
 Observed band size: 24 kDa

Exposure time: 2 minutes;

12% SDS-PAGE gel.

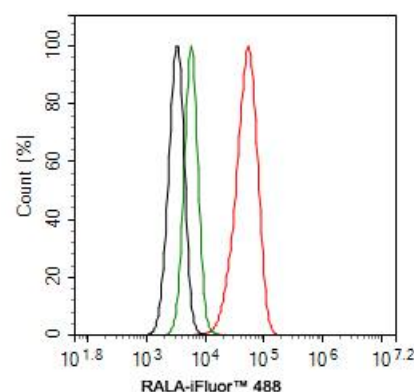
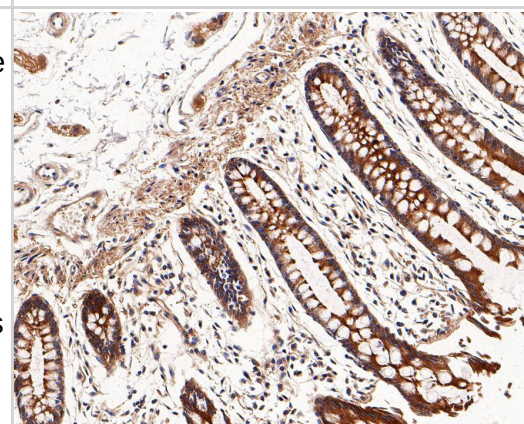
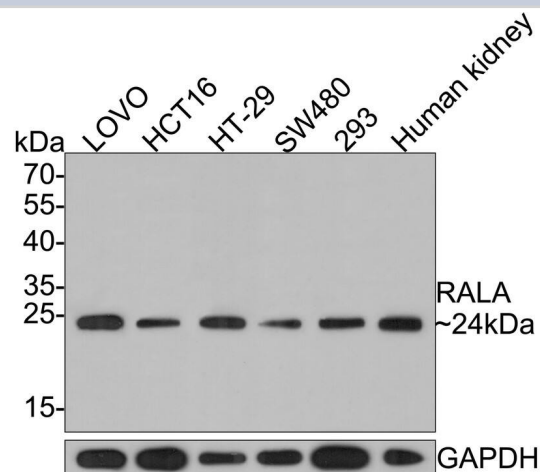
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32891) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: RaLA Antibody (JE54-12) [NBP3-32891] - Immunohistochemical analysis of paraffin-embedded human colon tissue with Rabbit anti-RaLA antibody (NBP3-32891) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32891) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Flow Cytometry: RaLA Antibody (JE54-12) [NBP3-32891] - Flow cytometric analysis of HUVEC cells labeling RaLA.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32891, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32891

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-46872PEP	RaIA Recombinant Protein Antigen

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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