

Product Datasheet

RAI14 Antibody - BSA Free

NBP1-94076

Unit Size: 0.1 ml

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

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Updated 12/2/2025 v.20.1

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NBP1-94076

RAI14 Antibody - BSA Free

| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

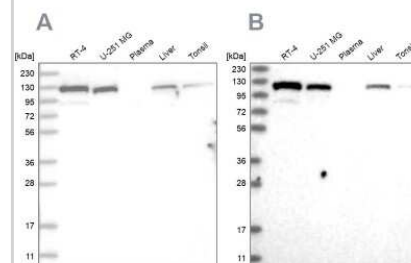
| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Rabbit RAI14 Antibody - BSA Free (NBP1-94076) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 26064 |
| Gene Symbol | RAI14 |
| Species | Human |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Rat (81%) |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: KAAMTDAMVPRSSYEKLQSSLESEVSVLASKLKESVKEKEKVHSEVVQIRSEV SQVKREKENIQTLKSKQEVEVNEELLQKFQQAQEELAEMKRYAE |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |

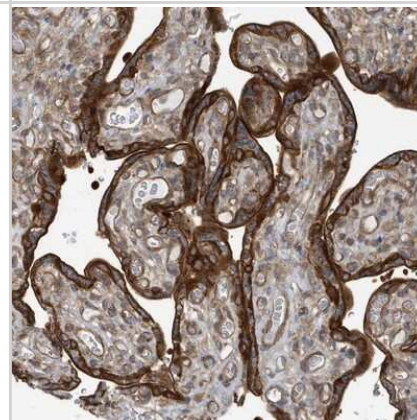


Images

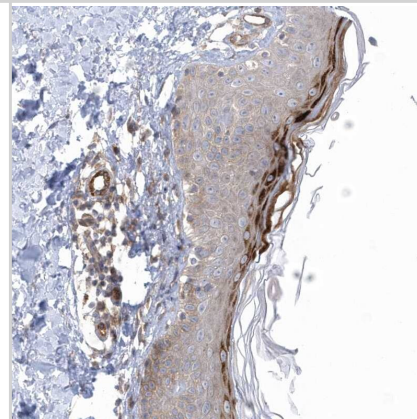
Western Blot: RAI14 Antibody [NBP1-94076] - Analysis using Anti-RAI14 antibody NBP1-94076 (A) shows similar pattern to independent antibody NBP1-94075 (B).



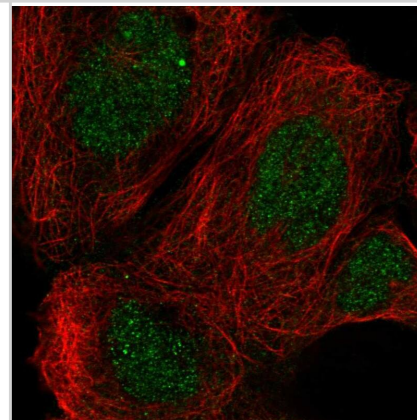
Immunohistochemistry-Paraffin: RAI14 Antibody [NBP1-94076] - Staining of human placenta shows strong membrane and cytoplasmic positivity in trophoblastic cells.



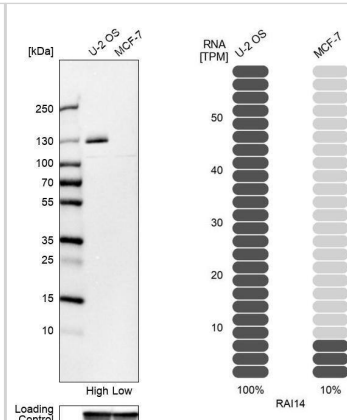
Staining of human skin shows strong cytoplasmic positivity in squamous epithelial cells.



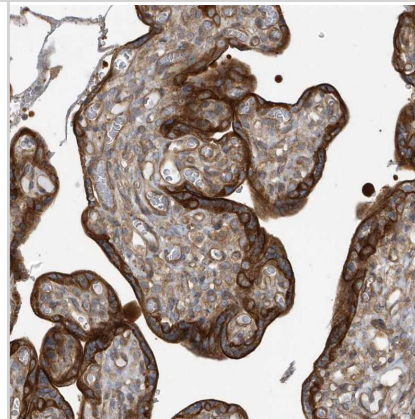
Staining of human cell line A-431 shows localization to nucleus & cytosol.



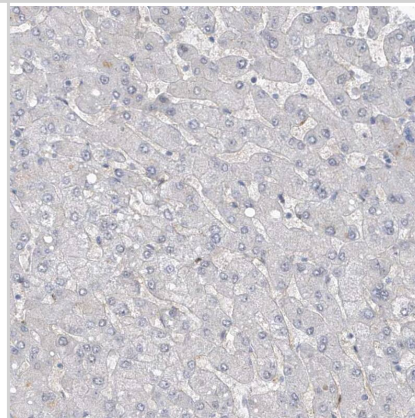
Analysis in human cell lines U2OS and MCF-7 using Anti-RAI14 antibody. Corresponding RAI14 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



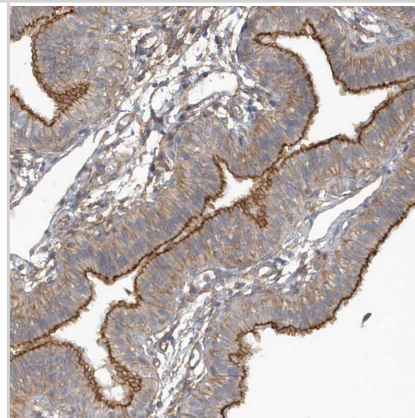
Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Staining of human liver shows no positivity in hepatocytes as expected.



Staining of human fallopian tube shows strong membranous positivity in glandular cells.





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Products Related to NBP1-94076

| | |
|---------------|---|
| NBP1-94076PEP | RA114 Recombinant Protein Antigen |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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