

Product Datasheet

STAT3 Antibody (CL0492) - BSA Free NBP2-52936

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 3/4/2026 v.20.1

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NBP2-52936

STAT3 Antibody (CL0492) - BSA Free

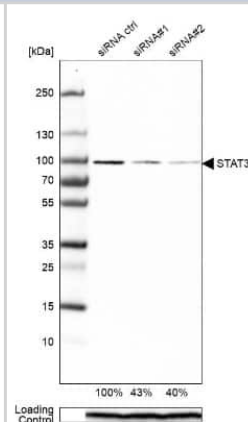
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | CL0492 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

| Product Description | |
|---------------------|--|
| Host | Mouse |
| Gene ID | 6774 |
| Gene Symbol | STAT3 |
| Species | Human |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions |
| Immunogen | This antibody was developed using a recombinant protein derived from P40763, with the exact immunogen sequence remaining proprietary. |

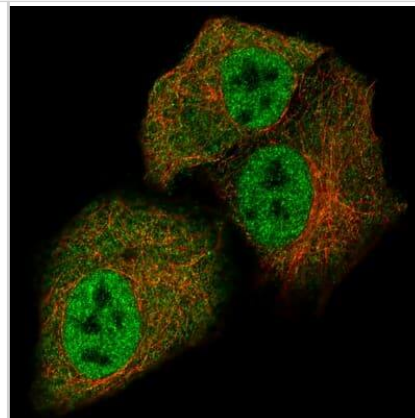
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. |

Images

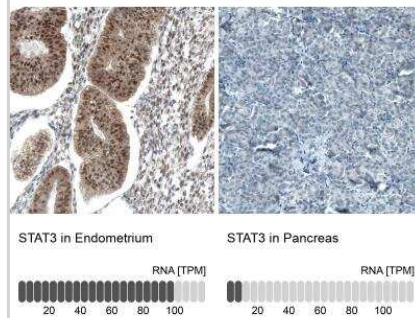
Western Blot: STAT3 Antibody (CL0492) [NBP2-52936] - Analysis in RT-4 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-STAT3 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



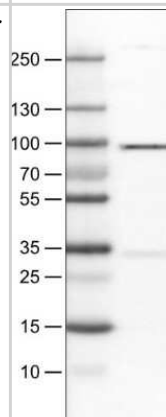
Immunocytochemistry/Immunofluorescence: STAT3 Antibody (CL0492) [NBP2-52936] - Staining of A549 cells using the Anti-STAT3 monoclonal antibody, showing specific staining in the nucleoplasm and cytosol in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



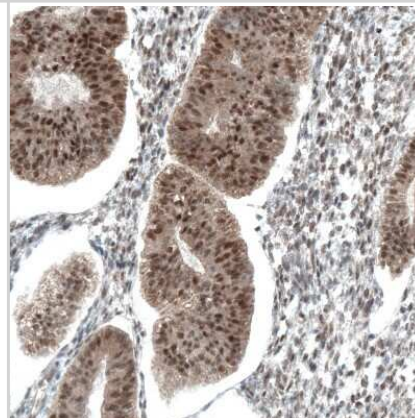
Immunohistochemistry-Paraffin: STAT3 Antibody (CL0492) [NBP2-52936] - Staining in human endometrium and pancreas tissues. Corresponding STAT3 RNA-seq data are presented for the same tissues.



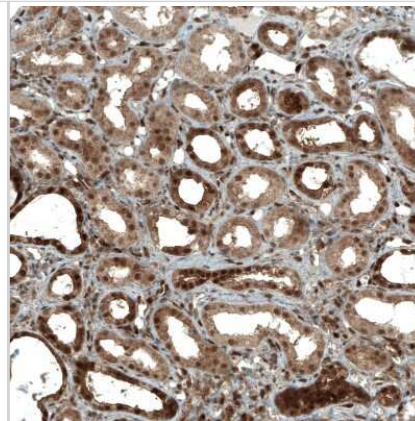
Western Blot: STAT3 Antibody (CL0492) [NBP2-52936] - Lane 1: Marker [kDa], Lane 2: Human cell line RT-4



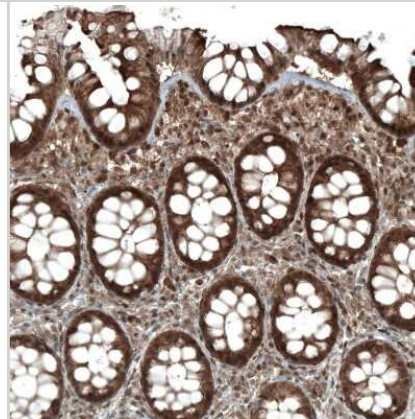
Immunohistochemistry-Paraffin: STAT3 Antibody (CL0492) [NBP2-52936] - Staining of human endometrium shows strong nuclear and moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: STAT3 Antibody (CL0492) [NBP2-52936] - Staining of human kidney shows strong nuclear and moderate cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: STAT3 Antibody (CL0492) [NBP2-52936] - Staining of human rectum shows moderate to strong nuclear and cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: STAT3 Antibody (CL0492) [NBP2-52936] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.





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Products Related to NBP2-52936

| | |
|------------------|--|
| NBP2-52936PEP | STAT3 Recombinant Protein Antigen |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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