

Product Datasheet

TROP-2 Antibody - BSA Free

NBP2-49166

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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NBP2-49166

TROP-2 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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

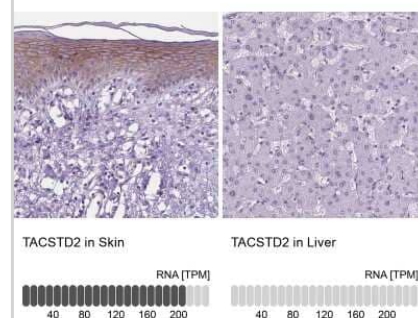
Product Description	
Description	Novus Biologicals Rabbit TROP-2 Antibody - BSA Free (NBP2-49166) is a polyclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4070
Gene Symbol	TACSTD2
Species	Human
Reactivity Notes	Mouse (81%), Rat (81%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: AFNHSDLDAELRRLFRERYRLHPKFVAAVHYEQPTIQIELRQNTSQKAAGEVDI GDAAYYFERDIKGESL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Flow Cytometry Validated for Flow Cytometry from a verified customer review., Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

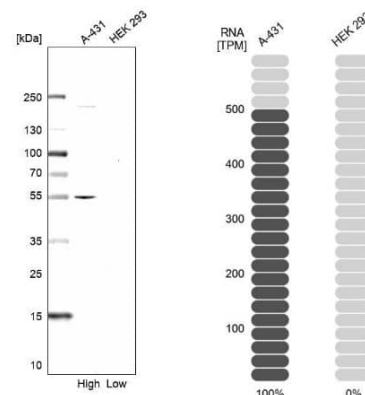


Images

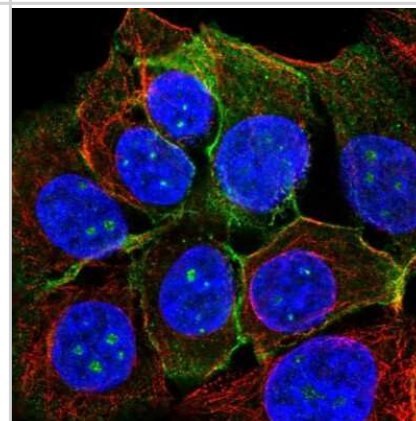
Immunohistochemistry-Paraffin: TROP-2 Antibody [NBP2-49166] - Analysis in human skin and liver tissues. Corresponding TROP-2 RNA-seq data are presented for the same tissues.



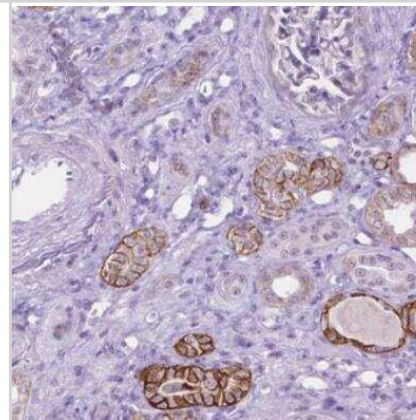
Western Blot: TROP-2 Antibody [NBP2-49166] - Analysis in human cell lines A-431 and HEK293 using Anti-TACSTD2 antibody. Corresponding TACSTD2 RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.



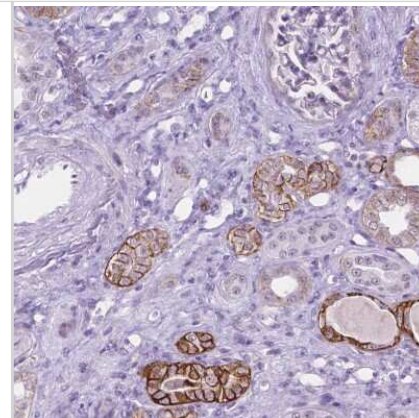
Immunocytochemistry/Immunofluorescence: TROP-2 Antibody [NBP2-49166] - Immunofluorescent staining of human cell line MCF7 shows localization to nucleoli & plasma membrane.



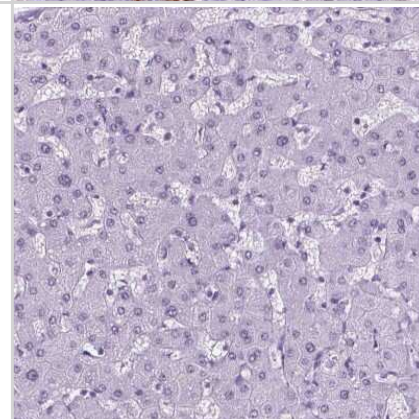
Immunohistochemistry-Paraffin: TROP-2 Antibody [NBP2-49166] - Staining of human kidney shows moderate membranous positivity in cells in tubules.



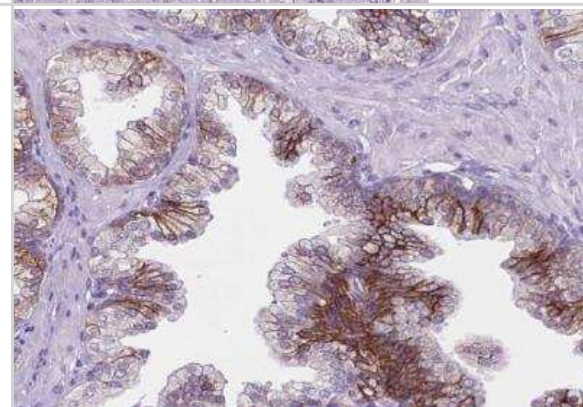
Immunohistochemistry-Paraffin: TROP-2 Antibody [NBP2-49166] - Staining of human kidney shows moderate membranous positivity in cells in tubules.



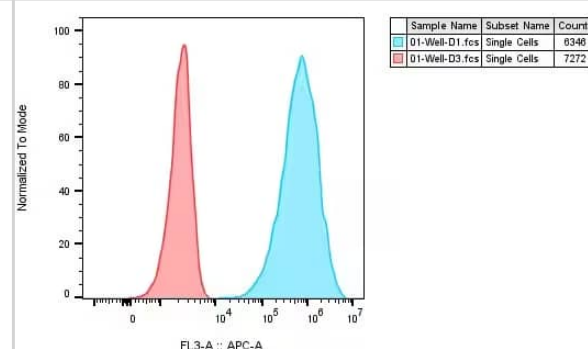
Immunohistochemistry-Paraffin: TROP-2 Antibody [NBP2-49166] - Staining of human liver shows no positivity in hepatocytes, as expected.



Immunohistochemistry-Paraffin: TROP-2 Antibody [NBP2-49166] - Staining of human prostate shows strong membranous positivity in glandular cells.



Flow Cytometry: Rabbit Polyclonal TROP-2 Antibody [NBP2-49166] - Detection of TROP-2 on CHOK1 cells expressing human TROP-2. Cells received 5 uL of the human TROP-2 antibody (BLUE) or isotype control (RED) for 30 minutes followed by secondary donkey a-rabbit APC antibody. Image from a verified customer review.





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Products Related to NBP2-49166

NBP2-49166PEP	TROP-2 Recombinant Protein Antigen
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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