

Product Datasheet

THEM2 Antibody - BSA Free

NBP1-92498

Unit Size: 100 ul

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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NBP1-92498

THEM2 Antibody - BSA Free

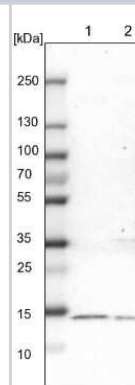
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit THEM2 Antibody - BSA Free (NBP1-92498) 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	55856
Gene Symbol	ACOT13
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GAPGVSVDMNITYMSPAKLGEDIVITAHVLKQGKTLAFTSVDLTNKATGKLI AQG RHTKHLGN

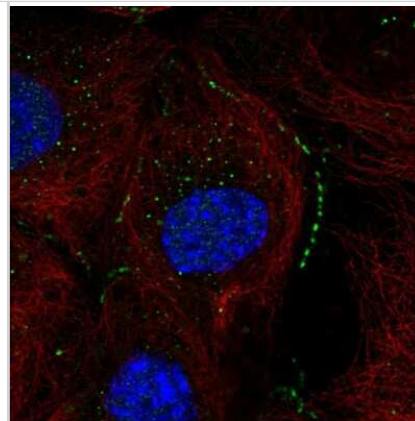
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

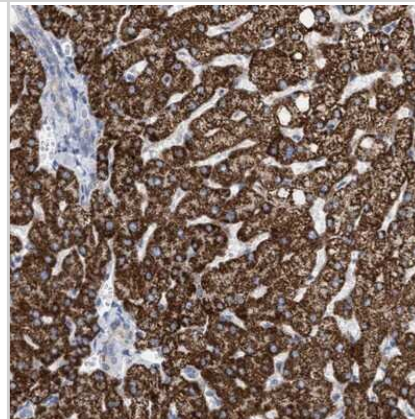
Western Blot: THEM2 Antibody [NBP1-92498] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells) Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



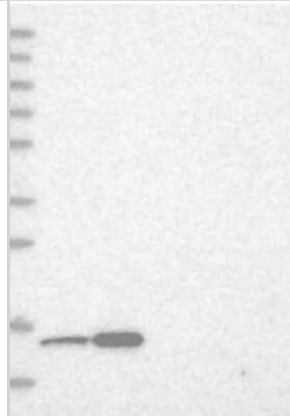
Immunocytochemistry/Immunofluorescence: THEM2 Antibody [NBP1-92498] - Immunofluorescent staining of human cell line A-431 shows localization to cell junctions.



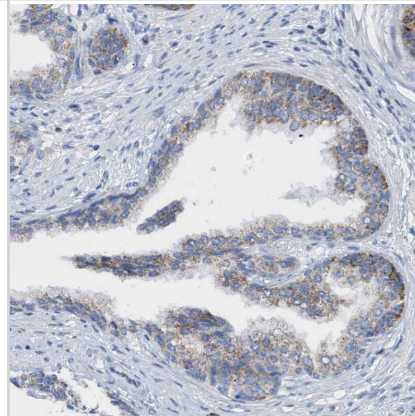
Immunohistochemistry-Paraffin: THEM2 Antibody [NBP1-92498] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



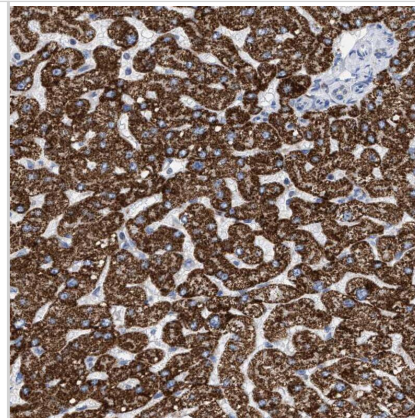
Western Blot: THEM2 Antibody [NBP1-92498] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG. Lane 4: Human Plasma. Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



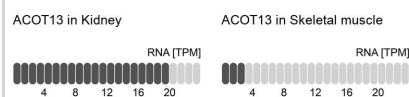
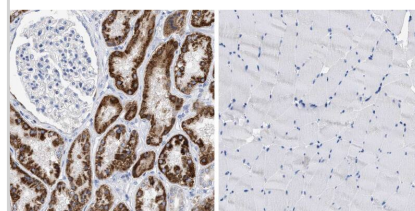
Staining of human prostate shows moderate granular cytoplasmic positivity in glandular cells.



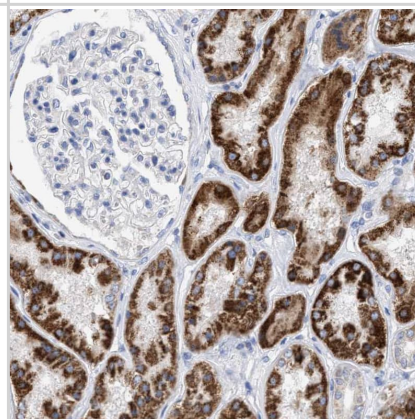
Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



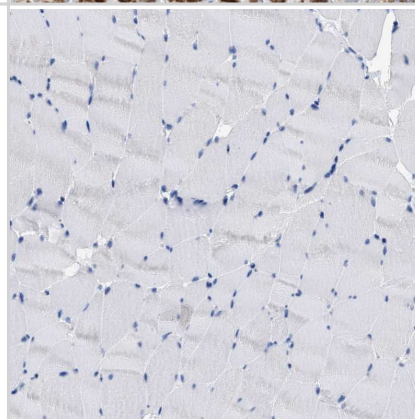
Analysis in human kidney and skeletal muscle tissues using NBP1-92498 antibody. Corresponding ACOT13 RNA-seq data are presented for the same tissues.



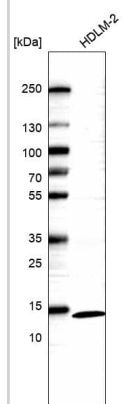
Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Staining of human skeletal muscle shows no positivity in myocytes as expected.



Analysis in human cell line HDLM-2.





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Products Related to NBP1-92498

NBP1-92498PEP	THEM2 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.

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