

Product Datasheet

CROT Antibody - BSA Free

NBP1-85501

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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Publications: 3

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NBP1-85501

CROT 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

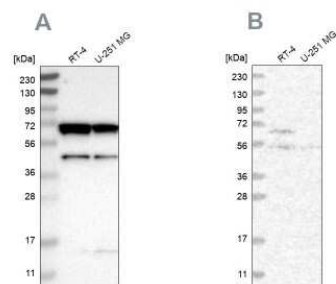
Product Description	
Description	Novus Biologicals Rabbit CROT Antibody - BSA Free (NBP1-85501) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CROT Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54677
Gene Symbol	CROT
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (86%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KVPVHKVGNTP LDMNQFRMLFSTCKVPGITRDSIMNYFRTESEGRSPNHIVVLC RGRAFVFDVIHEGCLVTPPELLRQLTYIHKKCHSEPDGPGIAALTSEERTRWAK AREYLIGLD

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. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

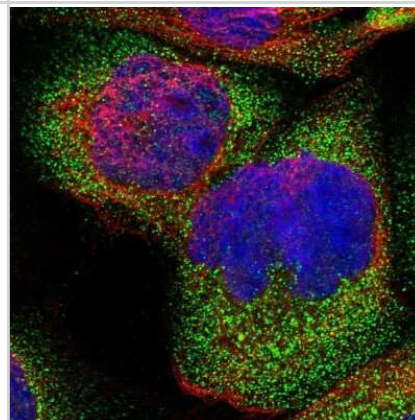


Images

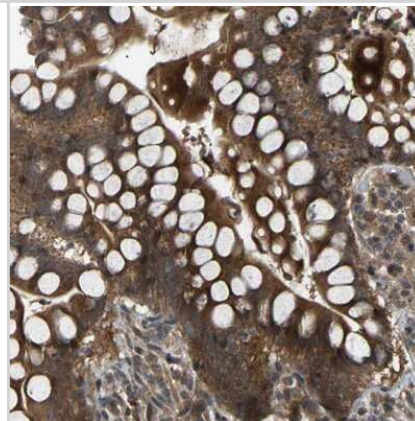
Western Blot: CROT Antibody [NBP1-85501] - Analysis using Anti-CROT antibody NBP1-85501 (A) shows similar pattern to independent antibody NBP1-85502 (B).



Immunocytochemistry/Immunofluorescence: CROT Antibody [NBP1-85501] - Immunofluorescent staining of human cell line A-431 shows localization to vesicles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: CROT Antibody [NBP1-85501] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



Publications

Ranea-Robles P, Portman K, Bender A et al. Peroxisomal L-bifunctional protein (EHHADH) deficiency causes male-specific kidney hypertrophy and proximal tubular injury in mice *Kidney360* 2021-10-15 [PMID: 34651140] (Western Blot, Block/Neutralize)

Ranea-Robles P, Chen H, Stauffer B et al. The peroxisomal transporter ABCD3 plays a major role in hepatic dicarboxylic fatty acid metabolism and lipid homeostasis *Journal of Inherited Metabolic Disease* 2021-11-01 [PMID: 34564857] (Western Blot, Block/Neutralize)

Lasheras-Otero I, Feliu I, Maillo A et al. The regulators of peroxisomal acyl-carnitine shuttle CROT and CRAT promote metastasis in melanoma *Journal of Investigative Dermatology* 2022-09-01 [PMID: 36058299] (KD, WB, Human)

Details:
Supplementary figure 4



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Products Related to NBP1-85501

NBP1-85501PEP	CROT 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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