

Product Datasheet

CTPS2 Antibody - BSA Free

NBP1-86055

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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NBP1-86055

CTPS2 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 CTPS2 Antibody - BSA Free (NBP1-86055) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CTPS2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	56474
Gene Symbol	CTPS2
Species	Human, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24870241). Mouse (86%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GVCLGMQLAVIEFARNCLNLKDADSTEFRPNAPVPLVIDMPEHNPGNLGGTMR LGIRRTVFKTENSILRKLYGDVPFIEERHRHRFEVNPNIKQFEQNDLSFVGQDV DGD

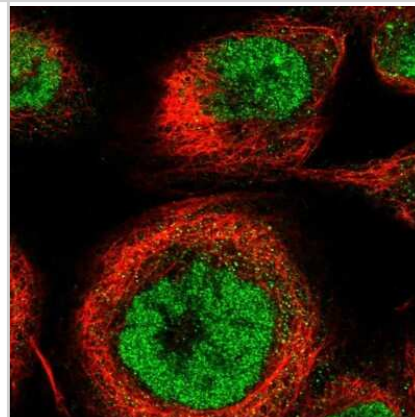
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, 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.

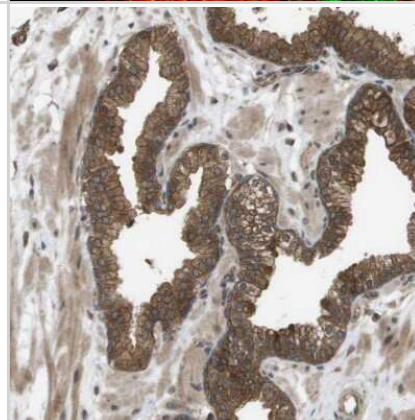


Images

Immunocytochemistry/Immunofluorescence: CTPS2 Antibody [NBP1-86055] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green.



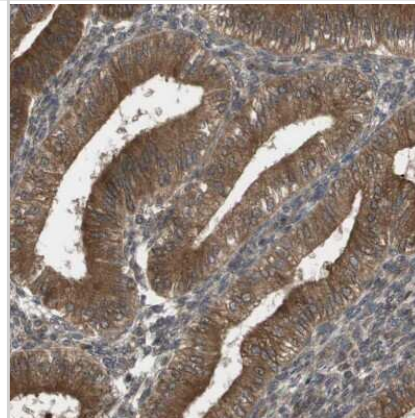
Immunohistochemistry-Paraffin: CTPS2 Antibody [NBP1-86055] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



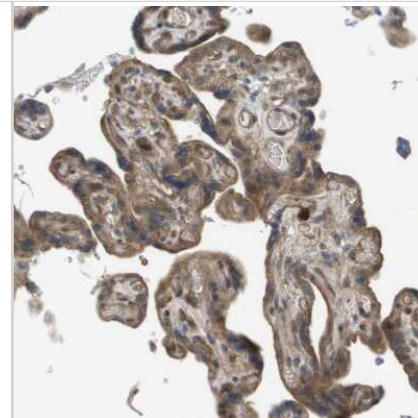
Immunohistochemistry-Paraffin: CTPS2 Antibody [NBP1-86055] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



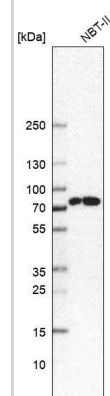
Immunohistochemistry-Paraffin: CTPS2 Antibody [NBP1-86055] - Staining of human endometrium shows strong cytoplasmic positivity in glandular cells.



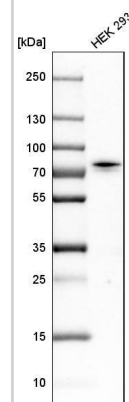
Immunohistochemistry-Paraffin: CTPS2 Antibody [NBP1-86055] - Staining of human placenta shows moderate cytoplasmic positivity in glandular cells.



Analysis in rat cell line NBT-II.



Analysis in human cell line HEK 293.



Publications

Martin E, Palmic N, Sanquer S et al. CTP synthase 1 deficiency in humans reveals its central role in lymphocyte proliferation. Nature 2014-06-12 [PMID: 24870241]



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Products Related to NBP1-86055

NBP1-86055PEP	CTPS2 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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