

Product Datasheet

MECR Antibody - BSA Free

NBP1-85657

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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NBP1-85657

MECR 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

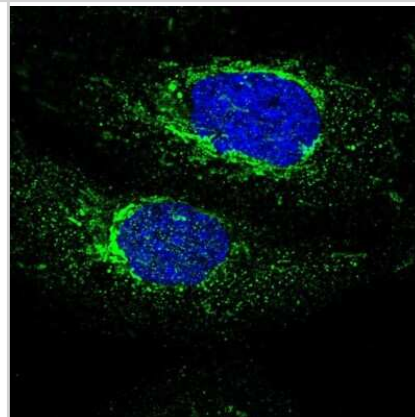
Product Description	
Description	Novus Biologicals Rabbit MECR Antibody - BSA Free (NBP1-85657) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51102
Gene Symbol	MECR
Species	Human, Mouse
Reactivity Notes	Rat (87%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SSTELLRQLARGGTMVTYGGMAKQPVVASVSLIFKDLKLRGFWLSQWKKDH SPDQFKELILTCLDIRRGQLTAPACSQVPLQDYQSALEASMKPFISSKQILTM

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.

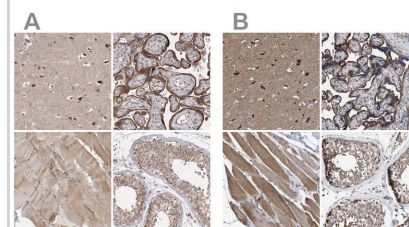


Images

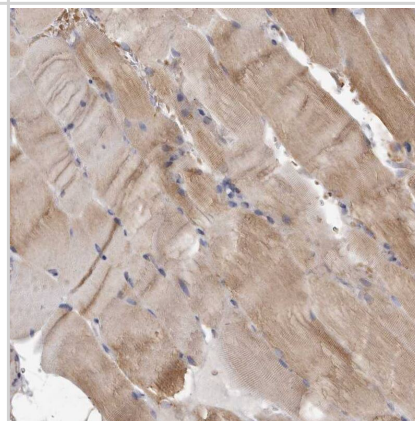
Immunocytochemistry/Immunofluorescence: MECR Antibody [NBP1-85657] - Immunofluorescent staining of human cell line A-431 shows localization to mitochondria. Antibody staining is shown in green.



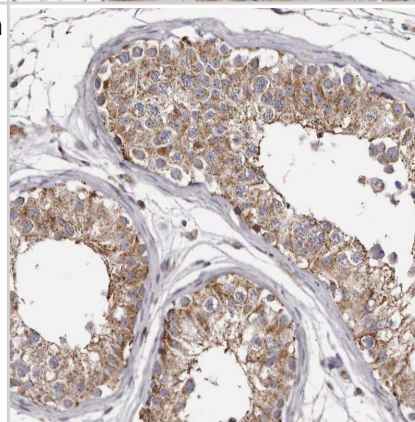
Staining of human cerebral cortex, placenta, skeletal muscle and testis using Anti-MECR antibody NBP1-85657 (A) shows similar protein distribution across tissues to independent antibody NBP1-85659 (B).



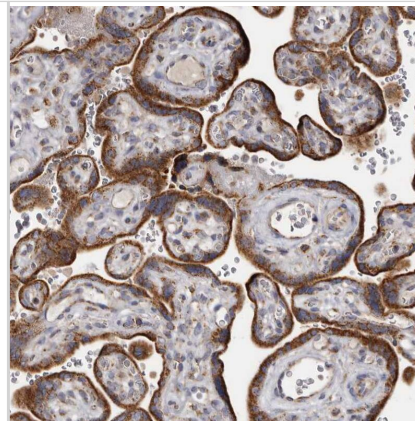
Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



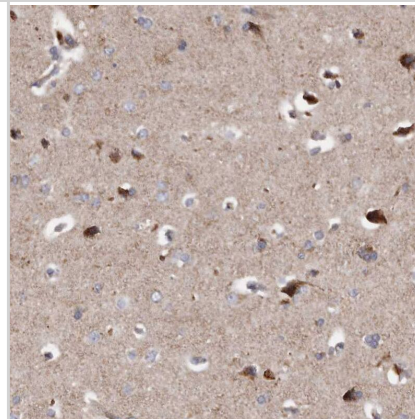
Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



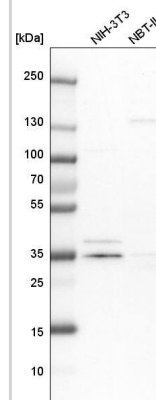
Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



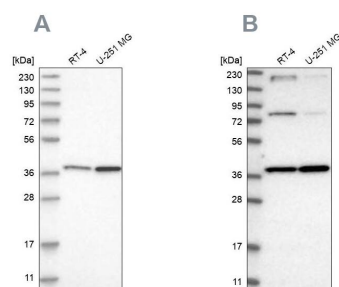
Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis using Anti-MECR antibody NBP1-85657 (A) shows similar pattern to independent antibody NBP1-85659 (B).





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Products Related to NBP1-85657

NBP1-85657PEP	MECR 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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