

Product Datasheet

Melanocortin-1 R/MC1R Antibody (HL1471) - Azide and BSA Free NBP3-25558

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-25558

Melanocortin-1 R/MC1R Antibody (HL1471) - Azide and BSA Free

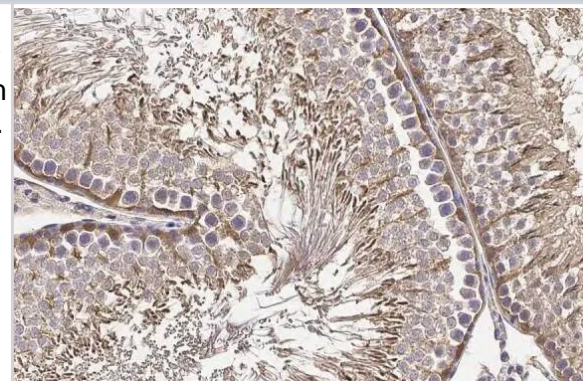
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1471
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	35 kDa

Product Description	
Description	Novus Biologicals Rabbit Melanocortin-1 R/MC1R Antibody (HL1471) - Azide and BSA Free (NBP3-25558) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4157
Gene Symbol	MC1R
Species	Human, Mouse, Rat
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Melanocortin-1 R/MC1R. The exact sequence is proprietary.

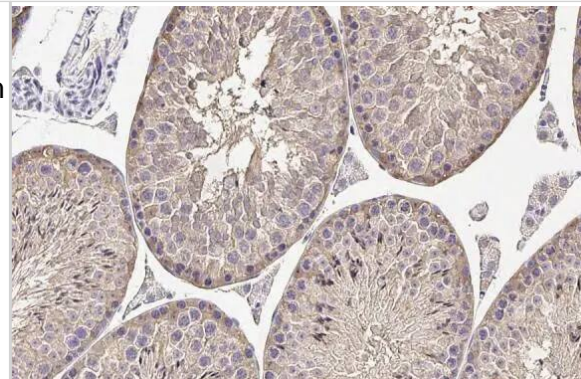
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen Assay dependent

Images

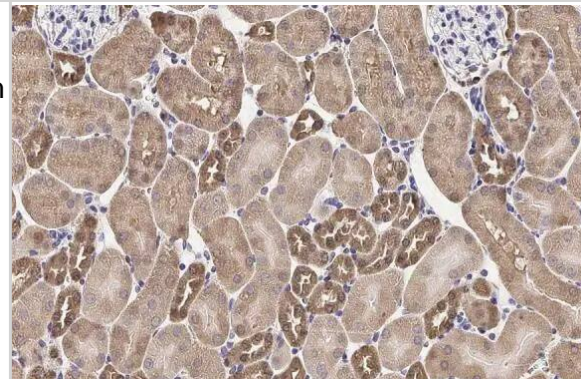
Immunohistochemistry-Paraffin: Melanocortin-1 R/MC1R Antibody (HL1471) - Azide and BSA Free [NBP3-25558] - MC1 Receptor antibody [HL1471] detects MC1 Receptor protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat testis. MC1 Receptor stained by MC1 Receptor antibody [HL1471] (NBP3-25558) diluted at 1:400. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



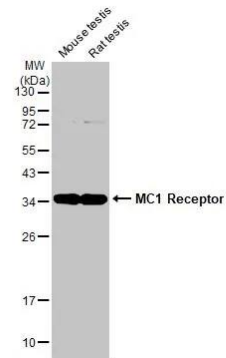
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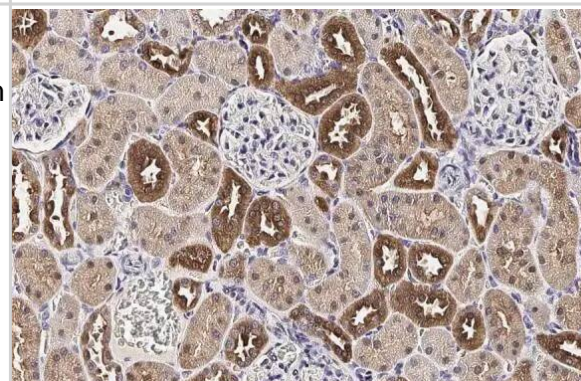
Immunohistochemistry-Paraffin: Melanocortin-1 R/MC1R Antibody (HL1471) - Azide and BSA Free [NBP3-25558] - MC1 Receptor antibody [HL1471] detects MC1 Receptor protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse kidney. MC1 Receptor stained by MC1 Receptor antibody [HL1471] (NBP3-25558) diluted at 1:400. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



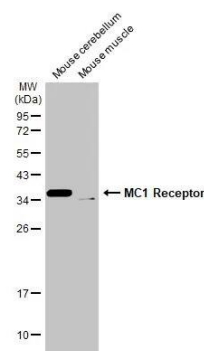
Western Blot: Melanocortin-1 R/MC1R Antibody (HL1471) - Azide and BSA Free [NBP3-25558] - Various extracts (50 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with MC1 Receptor antibody [HL1471] (NBP3-25558) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



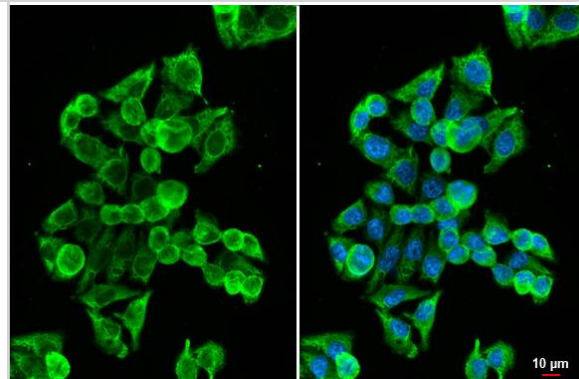
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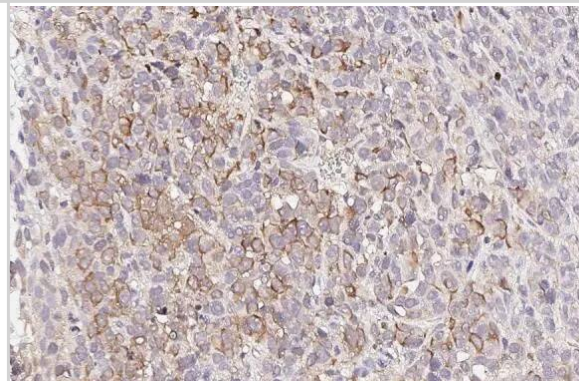
Western Blot: Melanocortin-1 R/MC1R Antibody (HL1471) - Azide and BSA Free [NBP3-25558] - Various tissue extracts (50 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with MC1 Receptor antibody [HL1471] (NBP3-25558) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



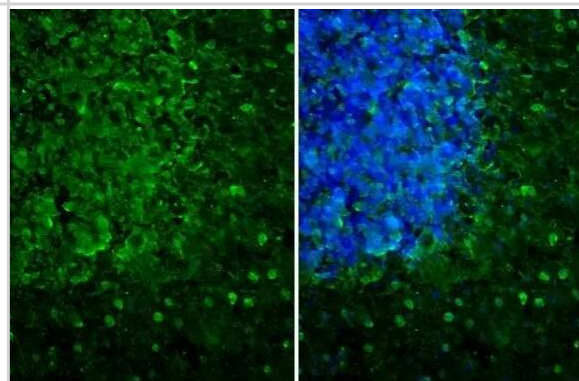
Immunocytochemistry/Immunofluorescence: Melanocortin-1 R/MC1R Antibody (HL1471) - Azide and BSA Free [NBP3-25558] - MC1 Receptor antibody [HL1471] detects MC1 Receptor protein at cytoplasm by immunofluorescent analysis. Sample: A375 cells were fixed in ice-cold MeOH for 5 min. Green: MC1 Receptor stained by MC1 Receptor antibody [HL1471] (NBP3-25558) diluted at 1:500. Blue: Fluoroshield with DAPI .



Immunohistochemistry-Paraffin: Melanocortin-1 R/MC1R Antibody (HL1471) - Azide and BSA Free [NBP3-25558] - MC1 Receptor antibody [HL1471] detects MC1 Receptor protein at cell membrane by immunohistochemical analysis. Sample: Paraffin-embedded A375 xenograft . MC1 Receptor stained by MC1 Receptor antibody [HL1471] (NBP3-25558) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

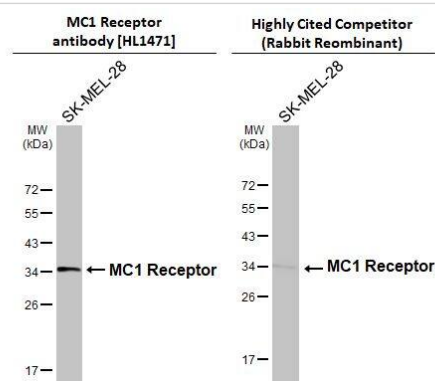


Frozen-sectioned mouse cerebellum. Green: MC1 Receptor stained by MC1 Receptor antibody [HL1471] diluted at 1:100. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



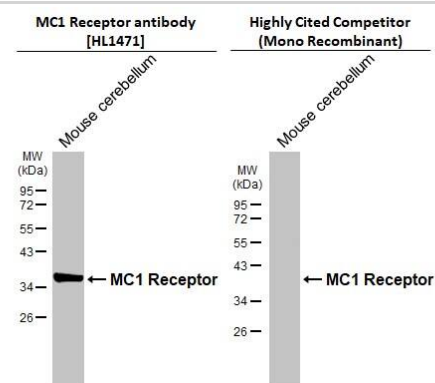
Whole cell extract (30 ug) was separated by 12% SDS-PAGE, and the membranes were blotted with Melanocortin-1 R/MC1R antibody [HL1471] (NBP3-25558) diluted at 1:50000 and competitor's antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

*The competitor is not affiliated with and does not endorse this product.



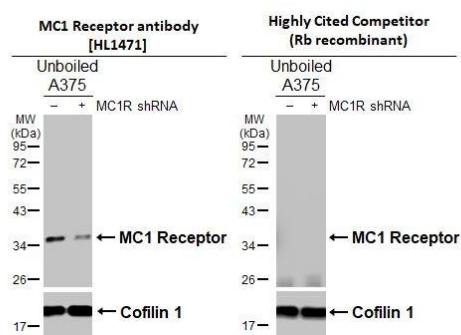
Various tissue extracts (50 ug) was separated by 12% SDS-PAGE, and the membranes were blotted with Melanocortin-1 R/MC1R antibody [HL1471] (NBP3-25558) diluted at 1:1000 and competitor's antibody (Competitor) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

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Non-transfected (-) and transfected (+) unboiled A375 whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membranes were blotted with Melanocortin-1 R/MC1R antibody [HL1471] (NBP3-25558) diluted at 1:5000 and competitor's antibody (Highly Cited Competitor) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

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Products Related to NBP3-25558

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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