

Product Datasheet

TYRP1 Antibody - BSA Free

NBP1-88370

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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NBP1-88370

TYRP1 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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

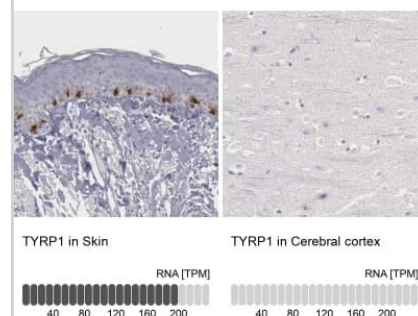
Host	Rabbit
Gene ID	7306
Gene Symbol	TYRP1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (Shridhar et al).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VCDICTDDLMGSRSNFDSTLISPNSVFSQWRVVCDSLEDYDTLGLTLCNSTEDG PIRRNPAGNVARPMVQRLPEPQDVAQCLEVGLFDTPPFYNSNSTNSFRNTVEGY SDPTGKYDPAVRS�H

Product Application Details

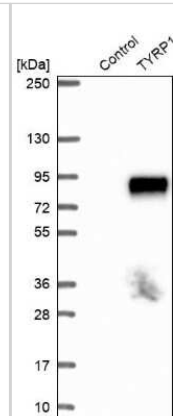
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

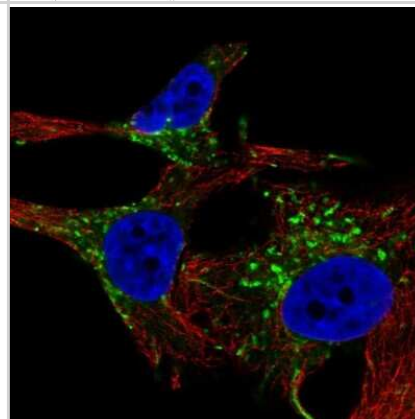
Immunohistochemistry-Paraffin: TYRP1 Antibody [NBP1-88370] - Analysis in human skin and cerebral cortex tissues. Corresponding TYRP1 RNA-seq data are presented for the same tissues.



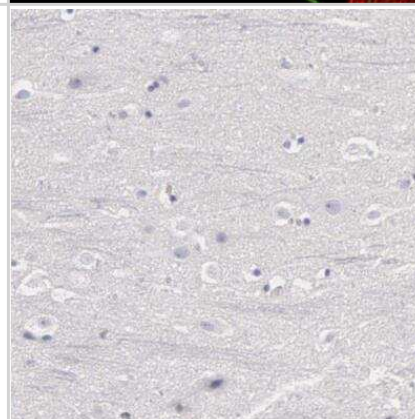
Western Blot: TYRP1 Antibody [NBP1-88370] - Analysis in control (vector only transfected HEK293T lysate) and TYRP1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



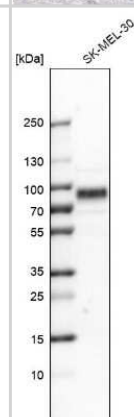
Immunocytochemistry/Immunofluorescence: TYRP1 Antibody [NBP1-88370] - Staining of human cell line SK-MEL-30 shows localization to vesicles. Antibody staining is shown in green.



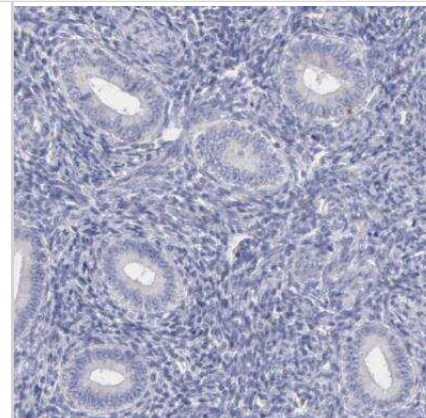
Immunohistochemistry-Paraffin: TYRP1 Antibody [NBP1-88370] - Staining of human cerebral cortex shows no positivity in neurons as expected.



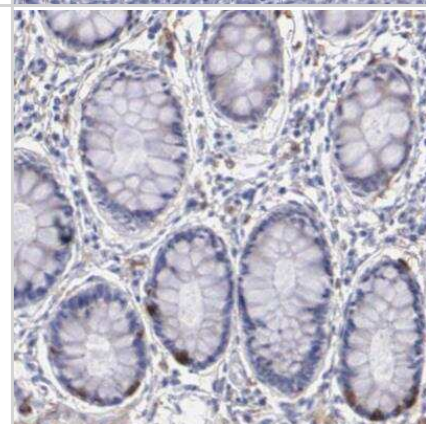
Western Blot: TYRP1 Antibody [NBP1-88370] - Analysis in human cell line SK-MEL-30.



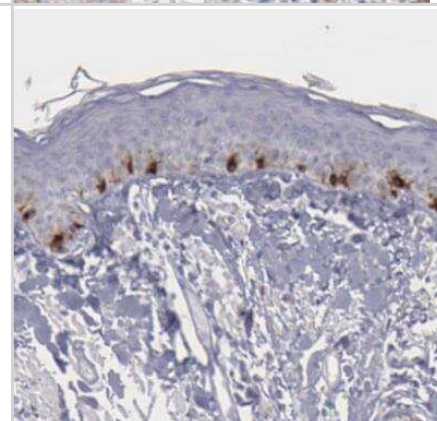
Immunohistochemistry-Paraffin: TYRP1 Antibody [NBP1-88370] - Staining of human endometrium shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: TYRP1 Antibody [NBP1-88370] - Staining of human rectum shows moderate to strong cytoplasmic positivity in a subset of glandular cells and cells in stroma.



Immunohistochemistry-Paraffin: TYRP1 Antibody [NBP1-88370] - Staining of human skin shows moderate to strong cytoplasmic positivity in melanocytes.



Publications

Li MY, Flora P, Pu H Et al. UV-induced reduction in Polycomb repression promotes epidermal pigmentation Developmental cell 2021-08-30 [PMID: 34473941]

Mengoni M, Braun AD, Gaffal E, Tuting T C9orf72 in myeloid cells suppresses STING-induced inflammation Int. J. Cancer 2020-08-13 [PMID: 32790916] (WB, Human)

Shridhar N Novel vaccination strategies for CD4+ T cell immunotherapy of melanoma Thesis (ICC/IF, Mouse)

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Products Related to NBP1-88370

NBP1-88370PEP	TYRP1 Recombinant Protein Antigen
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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