

Product Datasheet

TORC1 Antibody - BSA Free

NBP1-89865

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: 1

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NBP1-89865

TORC1 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

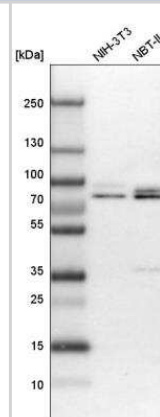
Host	Rabbit
Gene ID	23373
Gene Symbol	CRTC1
Species	Human, Mouse, Rat
Reactivity Notes	Rat (86%), Mouse (84%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SPPADTSWRRRTNSDSALHQSTMTPTQPESFSSGSQDVHQKRVLLLTVPGMEE TTSEADKNLSKQAWDTKKTGSRPKSCEV

Product Application Details

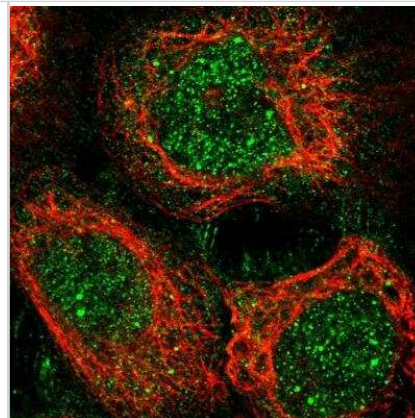
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500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

Images

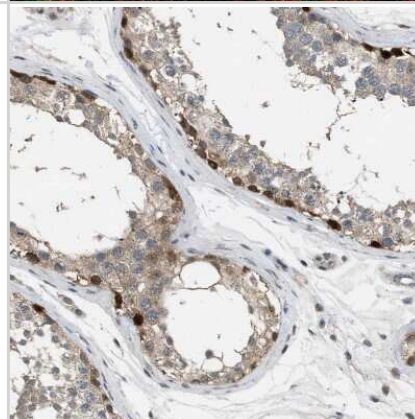
Western Blot: TORC1 Antibody [NBP1-89865] - Analysis in mouse cell line NIH-3T3 cell and rat cell line NBT-II.



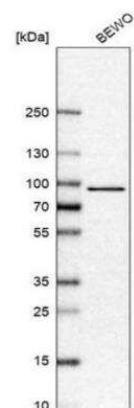
Immunocytochemistry/Immunofluorescence: TORC1 Antibody [NBP1-89865] - Staining of human cell line A-431 shows localization to nucleoplasm, nuclear bodies, plasma membrane & cytosol. Antibody staining is shown in green.



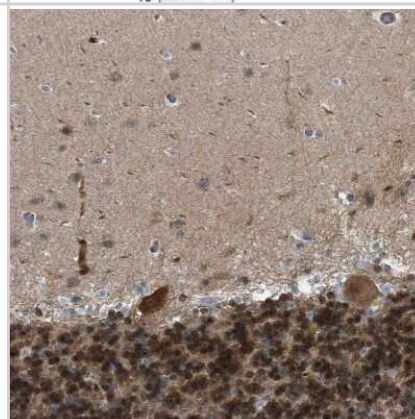
Immunohistochemistry-Paraffin: TORC1 Antibody [NBP1-89865] - Staining of human testis shows strong nuclear positivity in a subset of cells in seminiferous ducts.



Western Blot: TORC1 Antibody [NBP1-89865] - Analysis in human cell line BEWO.



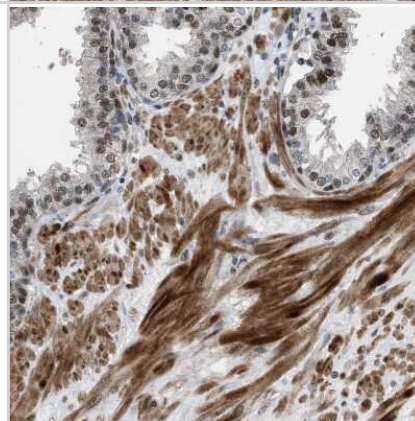
Immunohistochemistry-Paraffin: TORC1 Antibody [NBP1-89865] - Staining of human cerebellum shows strong nuclear positivity in Purkinje cells.



Immunohistochemistry-Paraffin: TORC1 Antibody [NBP1-89865] -
Staining of human cerebral cortex shows strong positivity in neuropil.



Immunohistochemistry-Paraffin: TORC1 Antibody [NBP1-89865] -
Staining of human prostate shows strong nuclear positivity in smooth
muscle cells.



Publications

Charbord J, Ren L, Sharma RB et al. In vivo screen identifies a SIK inhibitor that induces beta cell proliferation through a transient UPR Nature metabolism 2021-05-01 [PMID: 34031592] (ICC/IF)



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Products Related to NBP1-89865

NBP1-89865PEP	TORC1 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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