

Product Datasheet

POU3F2/OCT7 Antibody (CL6228) - Azide and BSA Free NBP3-43883

Unit Size: 100 ug

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

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NBP3-43883

POU3F2/OCT7 Antibody (CL6228) - Azide and BSA Free

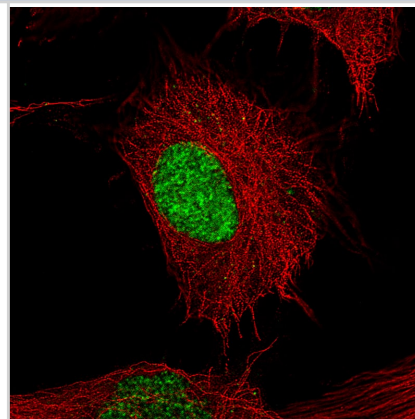
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL6228
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	5454
Gene Symbol	POU3F2
Species	Human, Mouse
Immunogen	This antibody was generated using a recombinant protein sequence of P20265, with the exact immunogen sequence remaining proprietary.

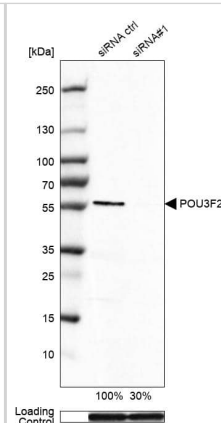
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/ Immunofluorescence/IF, Fixation Permeabilization: PFA/Triton X-100

Images

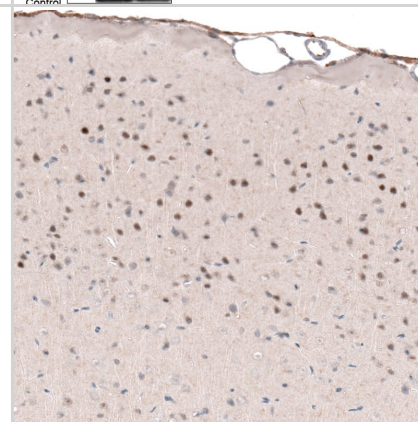
Staining of U-251 cells using the Anti-POU3F2/OCT7 monoclonal antibody) .



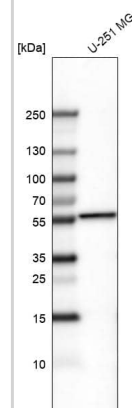
Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1, using Anti-POU3F2/OCT7 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



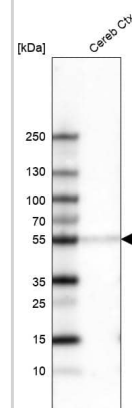
Staining of mouse brain shows moderate nuclear positivity in neurons in cortical layers 2-4.



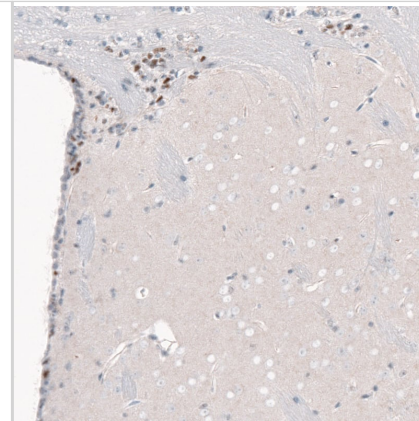
Analysis in human cell line U-251 MG.



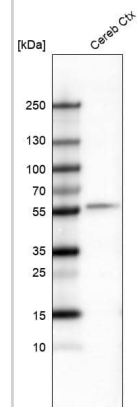
Analysis in human cerebral cortex tissue.



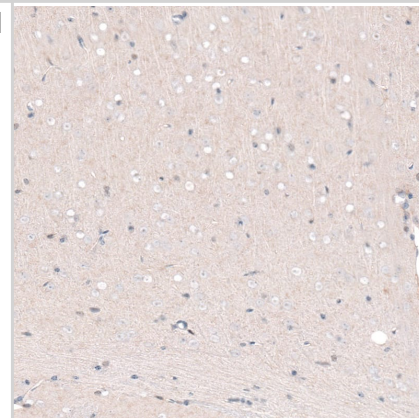
Staining of mouse forebrain shows nuclear positivity in a subset of cells in the lateral ventricle wall.



Analysis in mouse cerebral cortex tissue.



Staining of mouse brain shows no nuclear positivity in neurons in cortical layers 5-6 as expected.





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Products Related to NBP3-43883

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00005454-P01-10ug	Recombinant Human POU3F2/OCT7 GST (N-Term) Protein

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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