

# Product Datasheet

## POU3F2/OCT7 Antibody (CL6228) - BSA Free NBP2-61436

Unit Size: 100 ul

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

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Updated 2/27/2025 v.20.1

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**NBP2-61436**

POU3F2/OCT7 Antibody (CL6228) - BSA Free

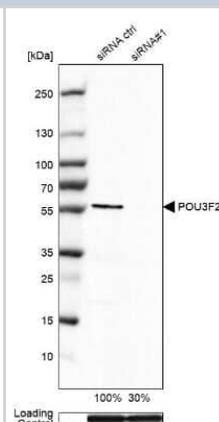
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL6228
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	5454
Gene Symbol	POU3F2
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P20265, with the exact immunogen sequence remaining proprietary.

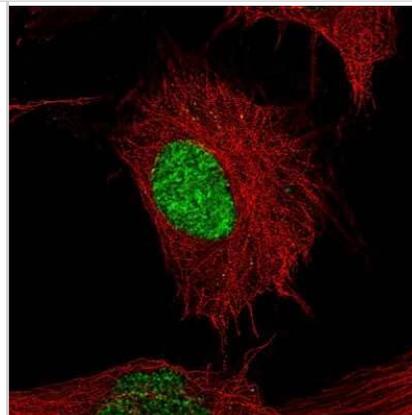
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: PFA/Triton X-100

**Images**

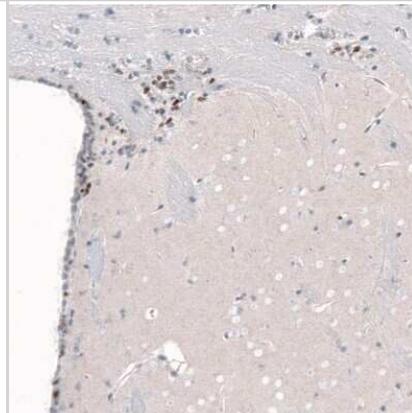
Western Blot: POU3F2/OCT7 Antibody (CL6228) [NBP2-61436] - Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1, using Anti-POU3F2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



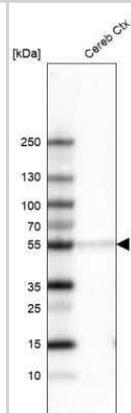
Immunocytochemistry/Immunofluorescence: POU3F2/OCT7 Antibody (CL6228) [NBP2-61436] - Staining of U-251 cells using the Anti-POU3F2 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule and nuclear probes are visualized in red and blue, respectively (where available).



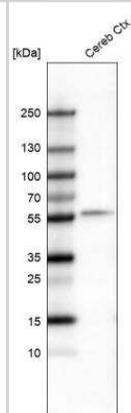
Immunohistochemistry-Paraffin: POU3F2/OCT7 Antibody (CL6228) [NBP2-61436] - Staining of mouse forebrain shows nuclear immunoreactivity in a subset of cells in the lateral ventricle wall.



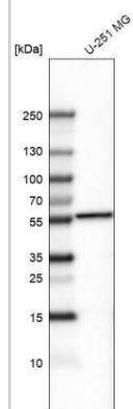
Western Blot: POU3F2/OCT7 Antibody (CL6228) [NBP2-61436] - Analysis in human cerebral cortex tissue.



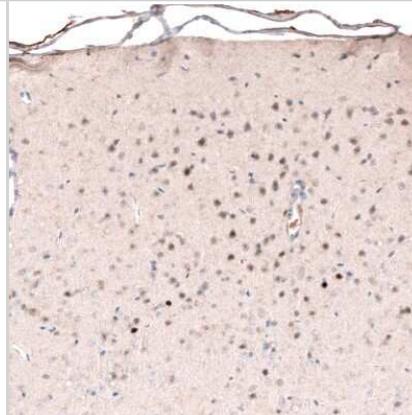
Western Blot: POU3F2/OCT7 Antibody (CL6228) [NBP2-61436] - Analysis in mouse cerebral cortex tissue.



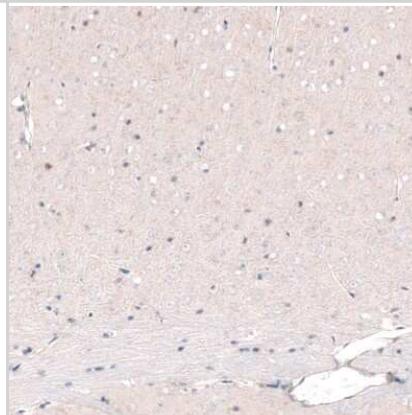
Western Blot: POU3F2/OCT7 Antibody (CL6228) [NBP2-61436] - Analysis in human cell line U-251 MG.



Immunohistochemistry-Paraffin: POU3F2/OCT7 Antibody (CL6228) [NBP2-61436] - Staining of mouse cerebral cortex shows moderate nuclear positivity in neurons in layers 2-4.



Immunohistochemistry-Paraffin: POU3F2/OCT7 Antibody (CL6228) [NBP2-61436] - Staining of mouse cerebral cortex shows absence of positivity in layer 6 neurons as expected.





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### **Products Related to NBP2-61436**

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NBP2-61436PEP	POU3F2/OCT7 Recombinant Protein Antigen
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)

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### **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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