

# Product Datasheet

## POU3F2/OCT7 Antibody (CL6232) - BSA Free NBP2-61437

Unit Size: 100 ul

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

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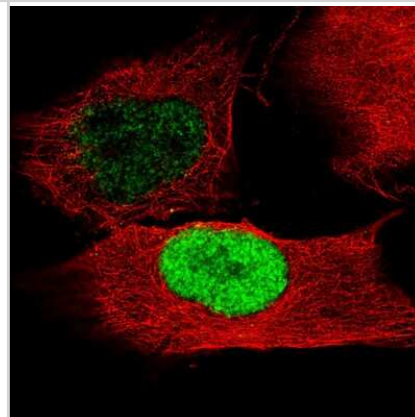
**NBP2-61437**

POU3F2/OCT7 Antibody (CL6232) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL6232
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse POU3F2/OCT7 Antibody (CL6232) - BSA Free (NBP2-61437) is a monoclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	5454
<b>Gene Symbol</b>	POU3F2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	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
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P20265, with the exact immunogen sequence remaining proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: PFA/Triton X-100

**Images**

Immunocytochemistry/Immunofluorescence: POU3F2/OCT7 Antibody (CL6232) [NBP2-61437] - 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). Antibody staining is shown in green.



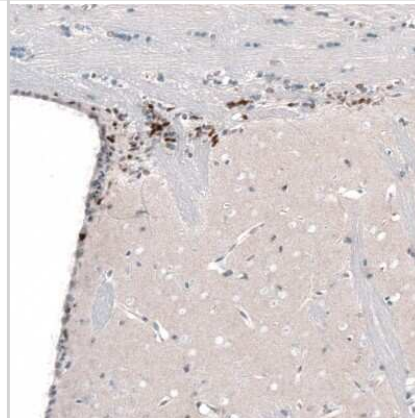
Immunohistochemistry-Paraffin: POU3F2/OCT7 Antibody (CL6232) [NBP2-61437] - Staining of rat cerebral cortex shows absence of positivity in layer 6 neurons as expected.



Immunohistochemistry-Paraffin: POU3F2/OCT7 Antibody (CL6232) [NBP2-61437] - Staining of mouse forebrain shows nuclear immunoreactivity in layers 2-5 of cerebral cortex.



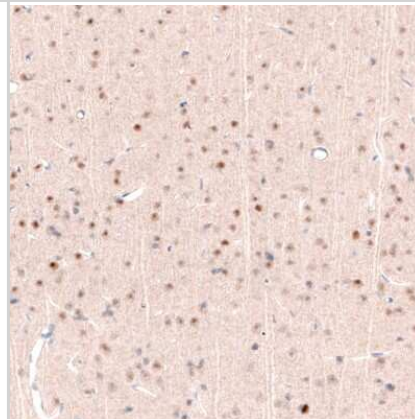
Immunohistochemistry-Paraffin: POU3F2/OCT7 Antibody (CL6232) [NBP2-61437] - Staining of mouse forebrain shows nuclear immunoreactivity in a subset of cells in the lateral ventricle wall.



Immunohistochemistry-Paraffin: POU3F2/OCT7 Antibody (CL6232) [NBP2-61437] - Staining of rat forebrain shows nuclear immunoreactivity in layers 2-5 of cerebral cortex.



Immunohistochemistry-Paraffin: POU3F2/OCT7 Antibody (CL6232) [NBP2-61437] - Staining of rat cerebral cortex shows moderate nuclear positivity in neurons in layers 3-4.





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### **Products Related to NBP2-61437**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00005454-P01-10ug	Recombinant Human POU3F2/OCT7 GST (N-Term) Protein

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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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