

# Product Datasheet

## POU3F3 Antibody (CL15302) - Azide and BSA Free NBP3-44291

Unit Size: 100 ug

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

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**NBP3-44291**

POU3F3 Antibody (CL15302) - Azide and BSA Free

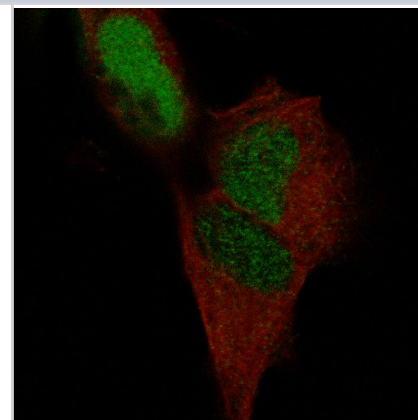
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL15302
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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	
Description	Novus Biologicals Mouse POU3F3 Antibody (CL15302) - Azide and BSA Free (NBP3-43659) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5455
Gene Symbol	POU3F3
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a synthetic peptide of P20264, with the exact immunogen sequence remaining proprietary.

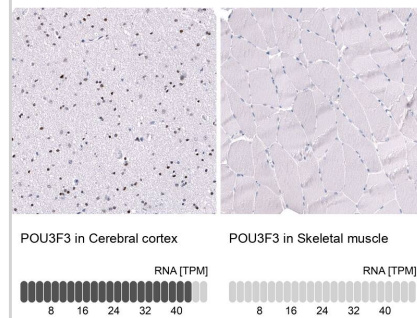
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000-1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

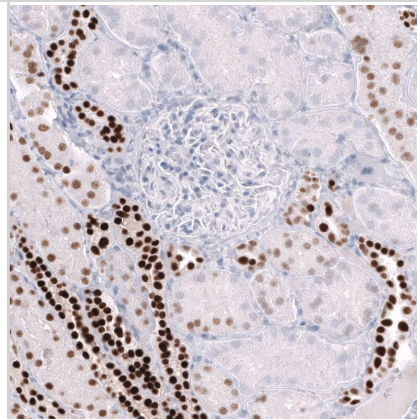
Staining in SH-SY5Y cell line with Anti-POU3F3 monoclonal antibody) .



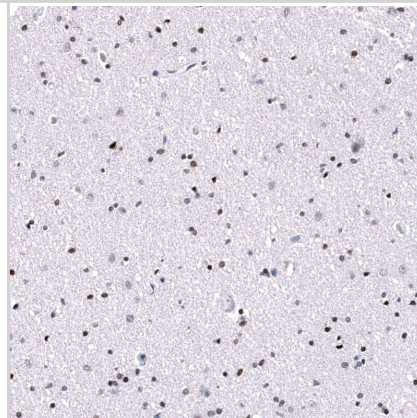
Analysis in human cerebral cortex and skeletal muscle tissues using NBP3-44291 antibody. Corresponding POU3F3 RNA-seq data are presented for the same tissues.



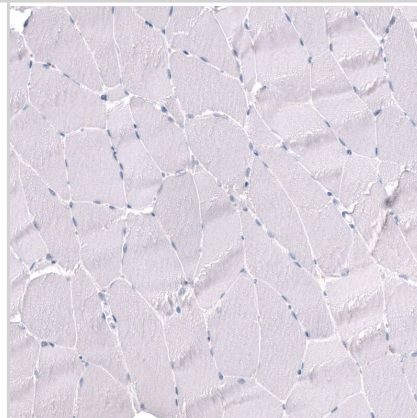
Staining of human kidney shows moderate to strong nuclear positivity in cells in tubules.



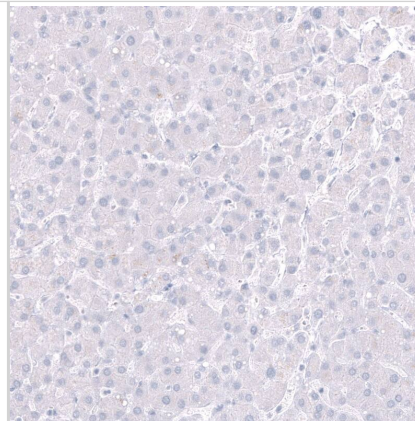
Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons and glial cells.



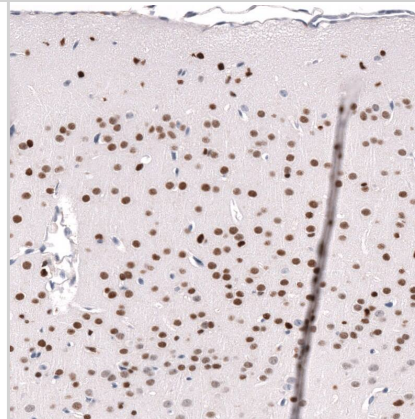
Staining of human skeletal muscle shows no positivity in myocytes as expected.



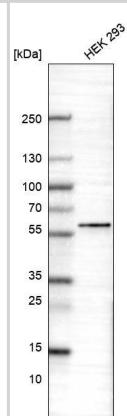
Staining of human liver shows no positivity in hepatocytes as expected.



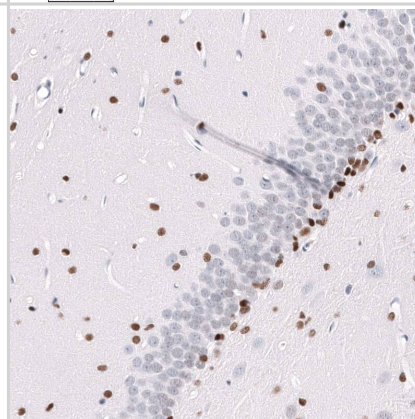
Staining of mouse cerebral cortex shows strong nuclear positivity in neurons.



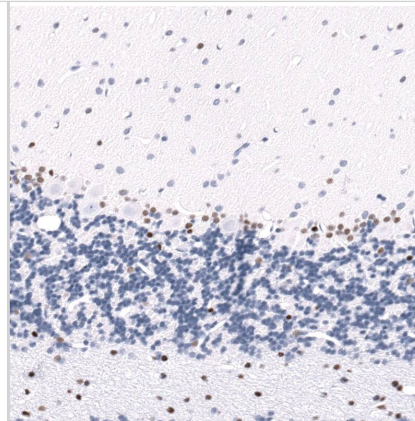
Analysis in human cell line HEK 293.



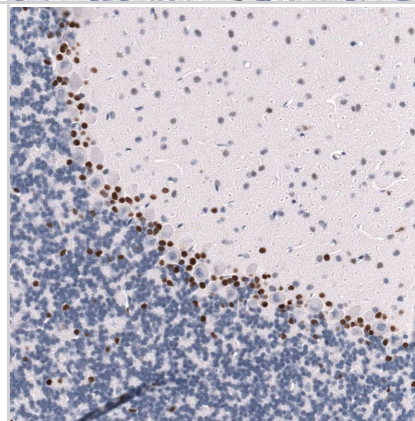
Staining of rat hippocampus shows moderate to strong nuclear positivity in a subset of neurons.



Staining of rat cerebellum shows moderate to strong nuclear positivity in a subset of neurons.



Staining of mouse cerebellum shows strong nuclear positivity in a subset of neurons.





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### **Products Related to NBP3-44291**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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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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