

# Product Datasheet

## OTP Antibody (CL11222) - Azide and BSA Free **NBP3-44147**

Unit Size: 100 ug

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

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**NBP3-44147**

OTP Antibody (CL11222) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<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>	CL11222
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

**Product Description**

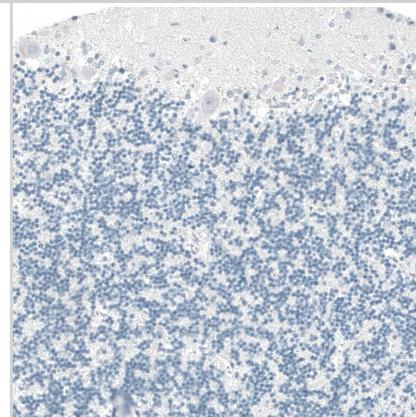
<b>Description</b>	Novus Biologicals Mouse OTP Antibody (CL11222) - Azide and BSA Free (NBP3-21188) is a monoclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	23440
<b>Gene Symbol</b>	OTP
<b>Species</b>	Human, Rat
<b>Immunogen</b>	This antibody was generated using a recombinant protein sequence of Q5XKR4, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

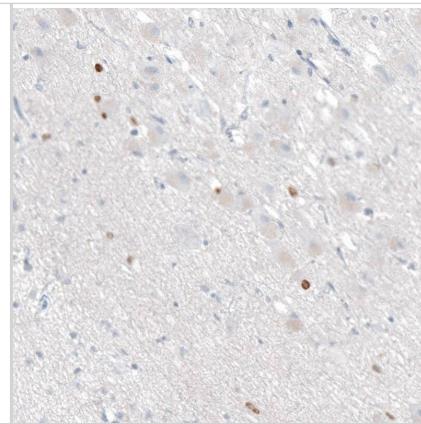
<b>Applications</b>	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

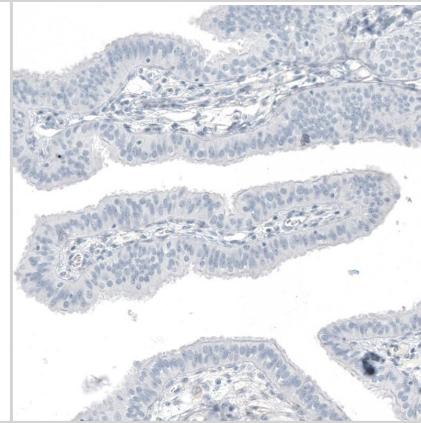
Staining of human cerebellum shows no positivity in Purkinje cells as expected.



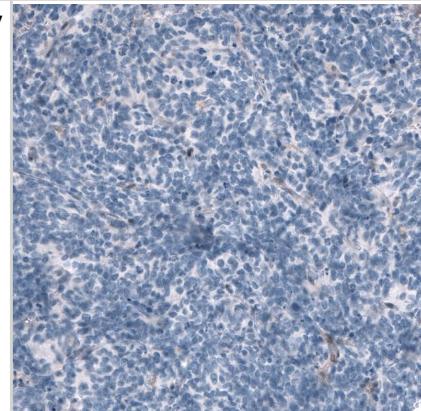
Staining of human hypothalamus shows moderate to strong nuclear positivity in a subset of neurons.



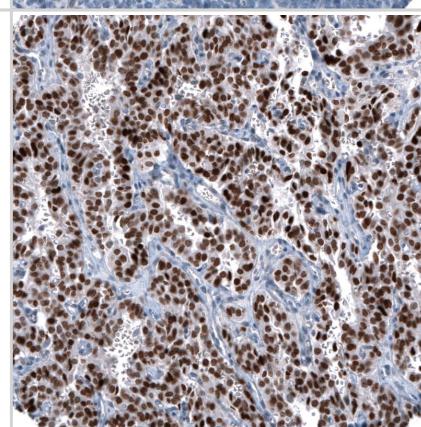
Staining of human fallopian tube shows no positivity in glandular cells as expected.



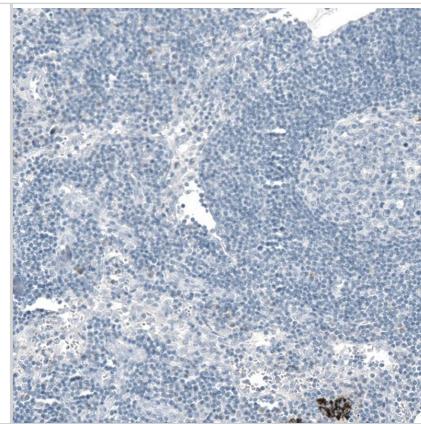
Staining of human lung tumor (small cell lung cancer) shows no positivity in tumor cells as expected.



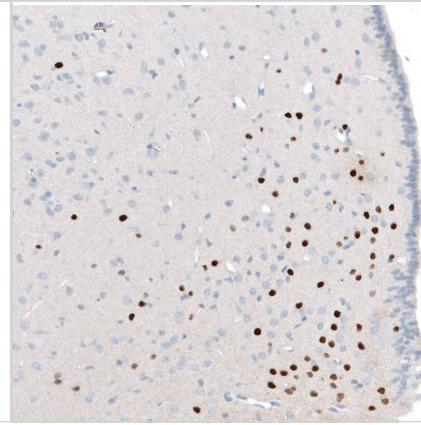
Staining of human lung tumor (typical carcinoid) shows strong nuclear positivity in tumor cells.



Staining of human lymph node shows no positivity in lymphoid cells as expected.



Staining of rat hypothalamus shows strong nuclear positivity in a subset of neurons.





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## Products Related to NBP3-44147

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)
464-SH-025	Sonic Hedgehog/Shh [Unconjugated]

## 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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