

# Product Datasheet

## Nociceptin Antibody (CL15085) - Azide and BSA Free NBP3-44174

Unit Size: 100 ug

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

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Updated 3/16/2025 v.20.1

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**NBP3-44174**

Nociceptin Antibody (CL15085) - 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>	CL15085
<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**

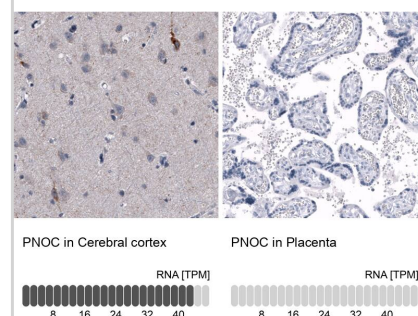
<b>Host</b>	Mouse
<b>Gene ID</b>	5368
<b>Gene Symbol</b>	PNOC
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	This antibody was generated using a recombinant protein sequence of Q13519, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

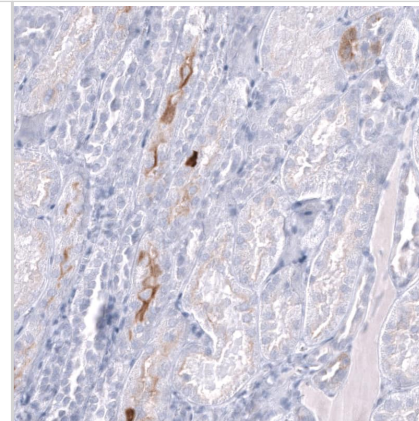
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

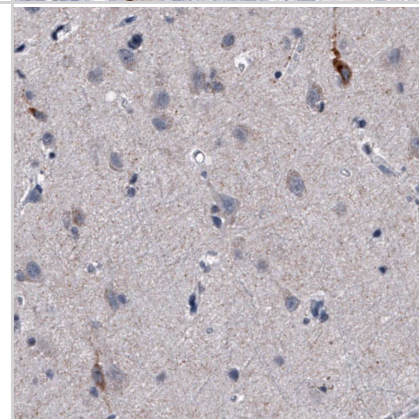
Analysis in human cerebral cortex and placenta tissues using NBP3-44174 antibody. Corresponding Nociceptin RNA-seq data are presented for the same tissues.



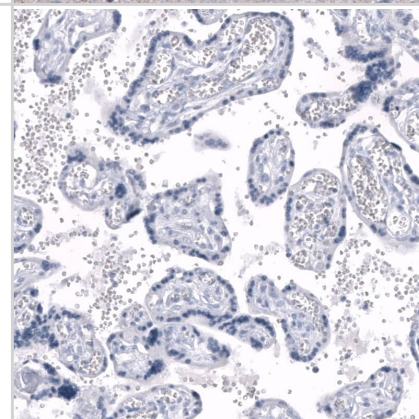
Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



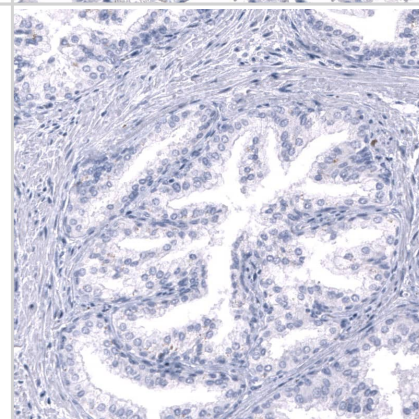
Staining of human cerebral cortex shows weak to moderate cytoplasmic positivity in a subset of neurons.



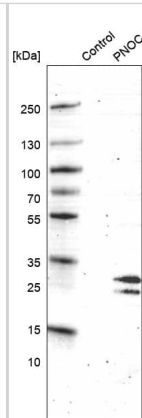
Staining of human placenta shows no positivity in trophoblastic cells as expected.



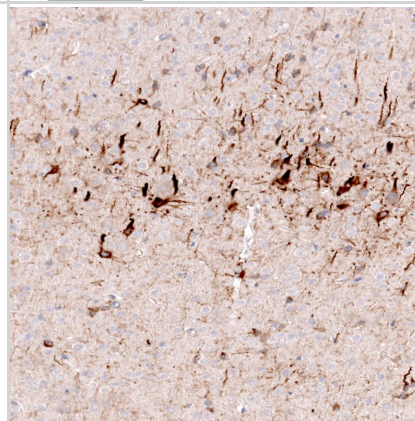
Staining of human prostate shows no positivity in glandular cells as expected.



Analysis in control (vector only transfected HEK293T lysate) and Nociceptin over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) .



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





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### **Products Related to NBP3-44174**

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