

# Product Datasheet

## Parvalbumin Antibody (CL15070) - Azide and BSA Free NBP3-44164

Unit Size: 100 ug

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

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**NBP3-44164**

Parvalbumin Antibody (CL15070) - 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>	CL15070
<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**

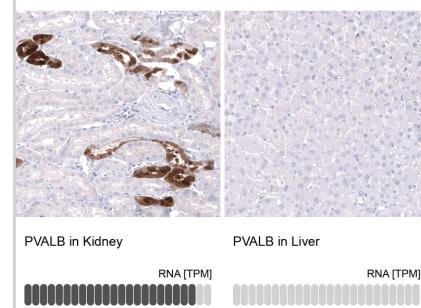
<b>Host</b>	Mouse
<b>Gene ID</b>	5816
<b>Gene Symbol</b>	PVALB
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was generated using a recombinant protein sequence of P20472, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

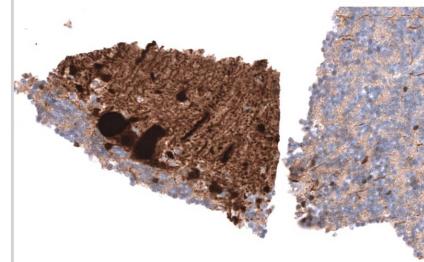
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:2500-1:5000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

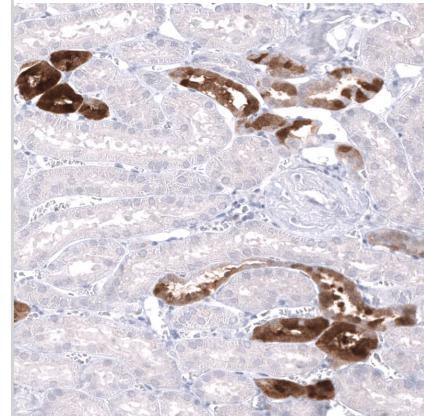
Analysis in human kidney and liver tissues using NBP3-44164 antibody. Corresponding Parvalbumin RNA-seq data are presented for the same tissues.



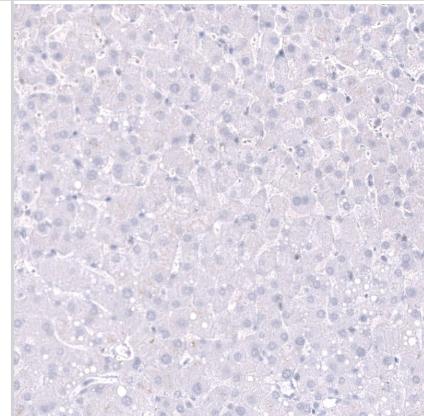
Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



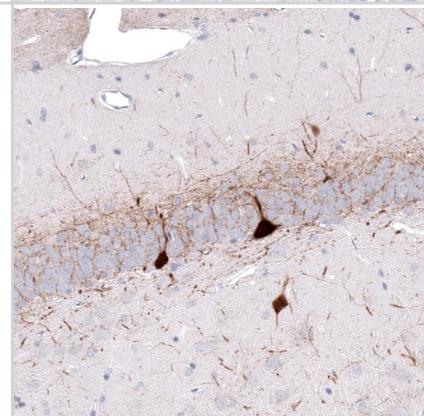
Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



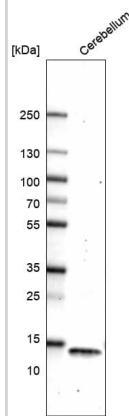
Staining of human liver shows no positivity in hepatocytes as expected.



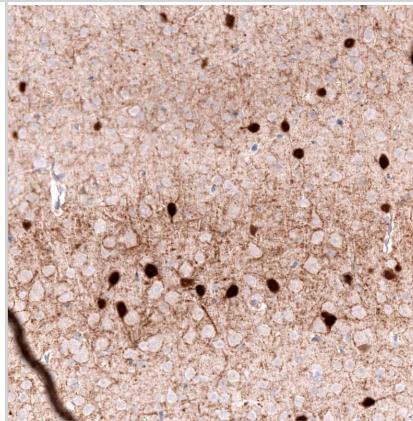
Staining of rat hippocampus shows strong cytoplasmic positivity in a subset of neurons.



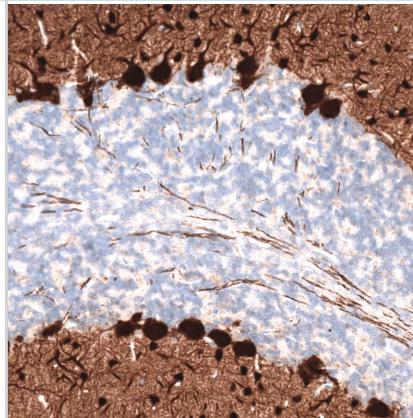
Analysis in human cerebellum tissue.



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



Staining of rat cerebellum shows strong cytoplasmic positivity in Purkinje cells.





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## Products Related to NBP3-44164

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)

## 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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