

# Product Datasheet

## Parvalbumin Antibody - BSA Free NBP2-33529

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 2/23/2025 v.20.1

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**NBP2-33529**

Parvalbumin Antibody - BSA Free

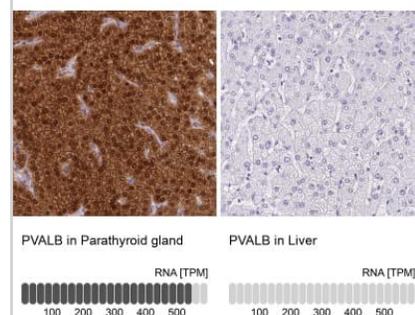
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5816
Gene Symbol	PVALB
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 28835932). Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: ATDSFDHKKFFQMVGLKKKSADDVKKVFHMLDKDKSGFIEEDELGFILKGFSPD ARDLSAKETKMLMAAGDKDGDGK

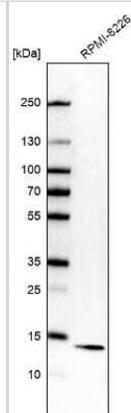
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

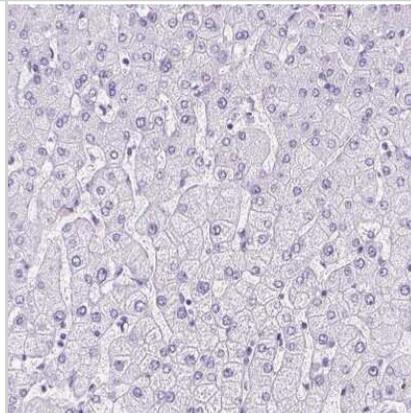
Immunohistochemistry-Paraffin: Parvalbumin Antibody [NBP2-33529] - Analysis in human parathyroid gland and liver tissues. Corresponding Parvalbumin RNA-seq data are presented for the same tissues.



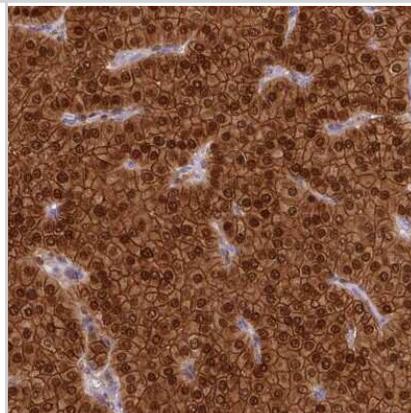
Western Blot: Parvalbumin Antibody [NBP2-33529] - Analysis in human cell line RPMI-8226.



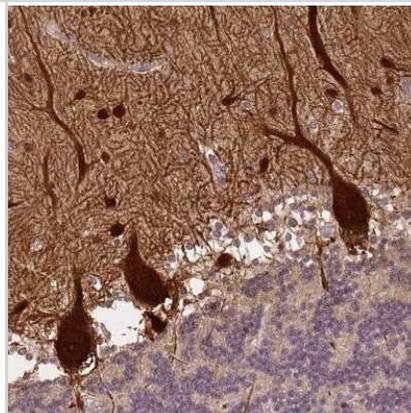
Immunohistochemistry-Paraffin: Parvalbumin Antibody [NBP2-33529] - Staining of human liver shows no positivity in hepatocytes as expected.



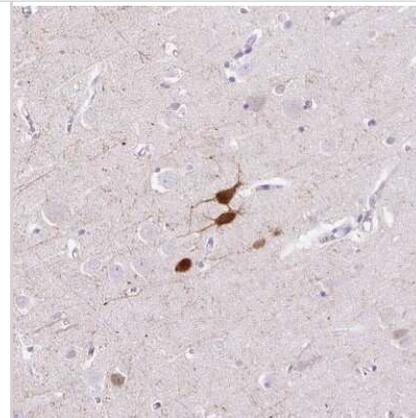
Immunohistochemistry-Paraffin: Parvalbumin Antibody [NBP2-33529] - Staining of human parathyroid gland shows high expression.



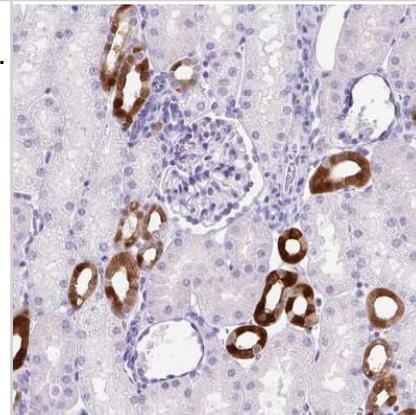
Immunohistochemistry-Paraffin: Parvalbumin Antibody [NBP2-33529] - Staining of human cerebellum shows strong positivity in Purkinje cells.



Immunohistochemistry-Paraffin: Parvalbumin Antibody [NBP2-33529] - Staining of human cerebral cortex shows strong positivity in a small subset of neurons.



Immunohistochemistry-Paraffin: Parvalbumin Antibody [NBP2-33529] - Staining of human kidney shows strong positivity in cells in distal tubules.



## Publications

Banasr M, Lepack A, Fee C et al. Characterization of GABAergic marker expression in the chronic unpredictable stress model of depression Chronic Stress (Thousand Oaks) 2017-02-01 [PMID: 28835932] (WB, Rat)



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### **Products Related to NBP2-33529**

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NBP2-33529PEP	Parvalbumin Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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