

Product Datasheet

Parvalbumin Antibody (CL15073) [Unconjugated] - BSA Free **NBP3-43651-100ul**

Unit Size: 100 ul

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

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NBP3-43651-100ul

Parvalbumin Antibody (CL15073) [Unconjugated] - BSA Free

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL15073
Preservative	0.02% Sodium Azide
Isotype	IgG1
Conjugate	Unconjugated
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description

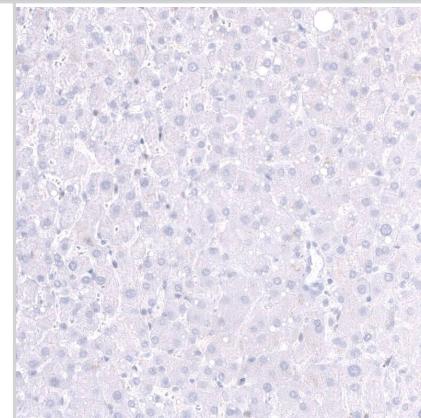
Description	Novus Biologicals Mouse Parvalbumin Antibody (CL15073) [Unconjugated] - BSA Free (NBP3-43651) is a monoclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5816
Gene Symbol	PVALB
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of P20472, with the exact immunogen sequence remaining proprietary.

Product Application Details

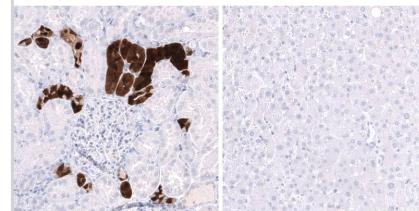
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:5000-1:10000, Immunohistochemistry-Paraffin 1:5000-1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

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



Analysis in human kidney and liver tissues using NBP3-43651 antibody. Corresponding PVALB RNA-seq data are presented for the same tissues.



PVALB in Kidney

PVALB in Liver

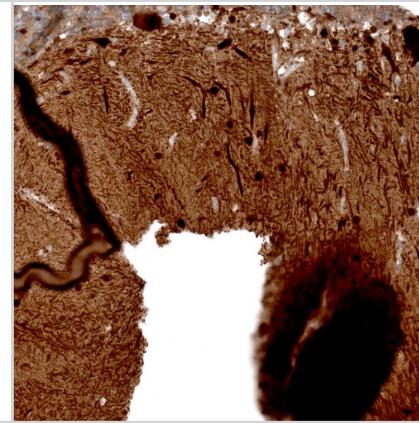
RNA [TPM]

RNA [TPM]

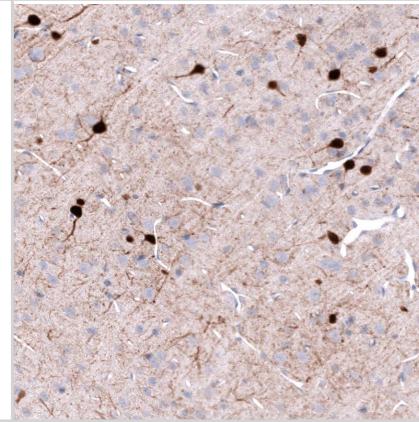
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8 16 24 32 40

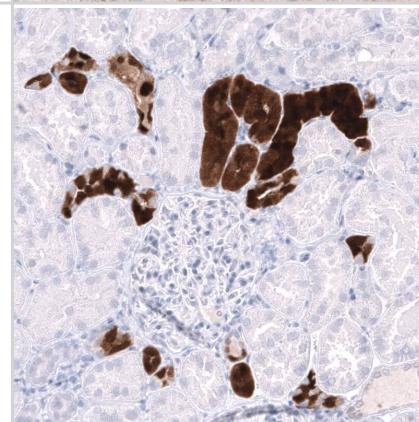
Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



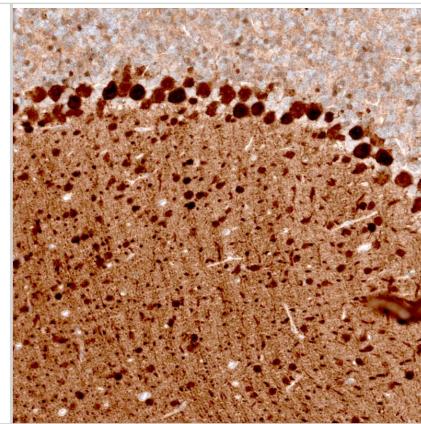
Staining of rat cerebral cortex shows strong cytoplasmic positivity in neurons.



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



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





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NBP1-50865-0.1mg	Recombinant Human Parvalbumin His Protein
DBD00	BDNF [HRP]
NBP2-10851	Parvalbumin Overexpression Lysate
NB300-109	Tyrosine Hydroxylase Antibody - Azide Free

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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