

# Product Datasheet

## Lactase Antibody (CL14133) - Azide and BSA Free NBP3-44273

Unit Size: 100 ul

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

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**NBP3-44273**

Lactase Antibody (CL14133) - Azide and BSA Free

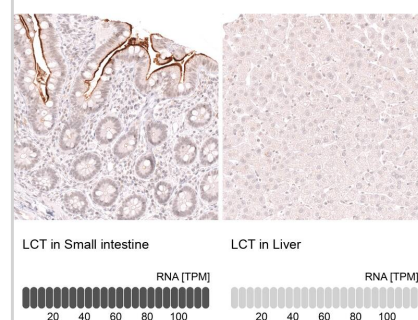
Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL14133
Preservative	0.02% Sodium Azide
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2a
Purity	Protein A purified
Buffer	Lyophilized in 5% Trehalose.

Product Description	
Host	Mouse
Gene ID	3938
Gene Symbol	LCT
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P09848, with the exact immunogen sequence remaining proprietary.

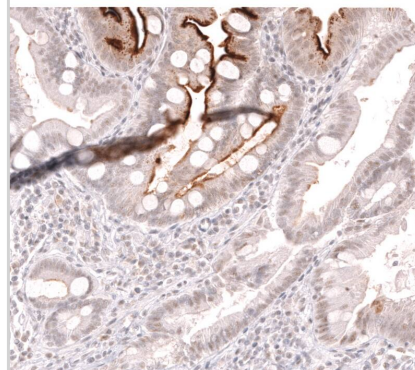
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

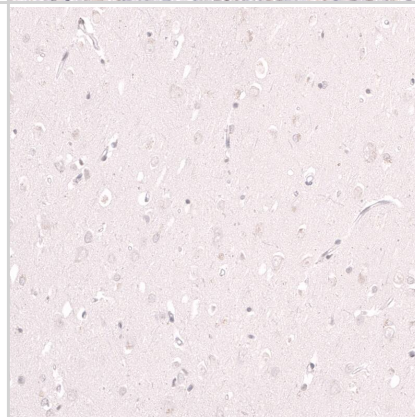
Analysis in human small intestine and liver tissues using NBP3-44273 antibody. Corresponding Lactase RNA-seq data are presented for the same tissues.



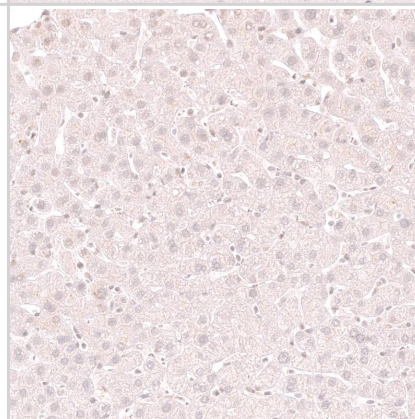
Staining of human duodenum shows strong membranous positivity in the intestinal brush border.



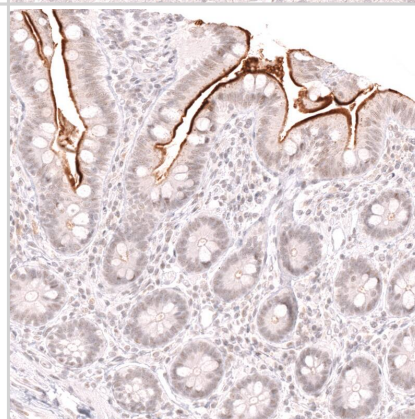
Staining of human cerebral cortex shows no positivity in neurons as expected.



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



Staining of human small intestine shows strong membranous positivity in the intestinal brush border.





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### Products Related to NBP3-44273

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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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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