

# Product Datasheet

## Tissue alpha-L-Fucosidase/FUCA1 Antibody - BSA Free NBP2-58170

Unit Size: 100 ul

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

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**NBP2-58170**

Tissue alpha-L-Fucosidase/FUCA1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

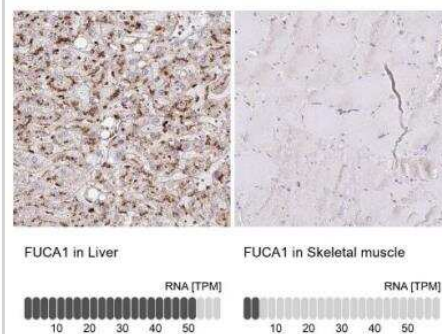
<b>Host</b>	Rabbit
<b>Gene ID</b>	2517
<b>Gene Symbol</b>	FUCA1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: RDLVGELGTALRKRNIRYGLYHSLLEWFHPLYLLDKKNGFKTQHFVSAKTMPEL YDLVNSYKPDLIWSDGEWECPTYWNSTNFLSWL

**Product Application Details**

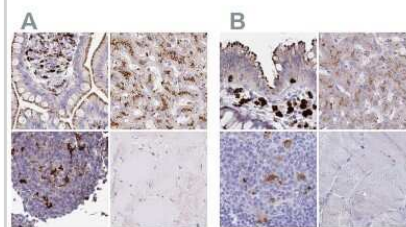
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

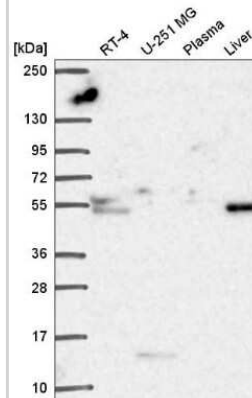
Immunohistochemistry-Paraffin: Tissue alpha-L-Fucosidase/FUCA1 Antibody [NBP2-58170] - Analysis in human liver and skeletal muscle tissues using NBP2-58170 antibody. Corresponding FUCA1 RNA-seq data are presented for the same tissues.



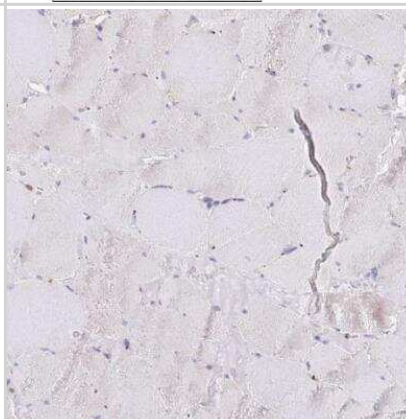
**Immunohistochemistry-Paraffin: Tissue alpha-L-Fucosidase/FUCA1 Antibody [NBP2-58170]** - Staining of human colon, liver, lymph node and skeletal muscle using Anti-FUCA1 antibody NBP2-58170 (A) shows similar protein distribution across tissues to independent antibody NBP2-32044 (B).



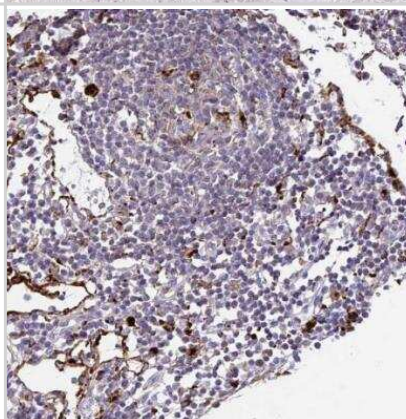
**Western Blot: Tissue alpha-L-Fucosidase/FUCA1 Antibody [NBP2-58170]** - Analysis in human cell line RT-4, human cell line U-251 MG, human plasma and human liver tissue.



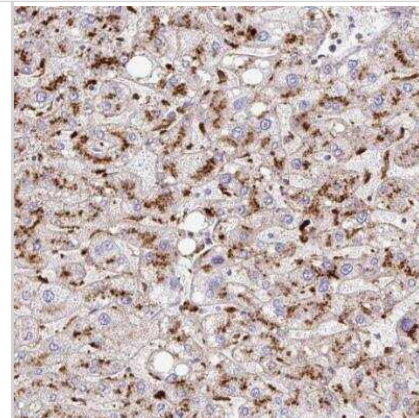
**Immunohistochemistry-Paraffin: Tissue alpha-L-Fucosidase/FUCA1 Antibody [NBP2-58170]** - Staining of human skeletal muscle shows no positivity in myocytes as expected.



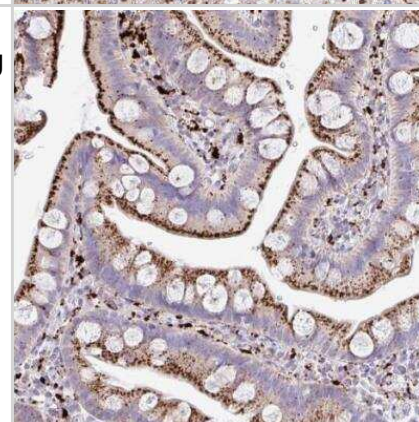
**Immunohistochemistry-Paraffin: Tissue alpha-L-Fucosidase/FUCA1 Antibody [NBP2-58170]** - Staining of human lymph node shows strong granular cytoplasmic positivity in germinal center cells.



Immunohistochemistry-Paraffin: Tissue alpha-L-Fucosidase/FUCA1 Antibody [NBP2-58170] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Tissue alpha-L-Fucosidase/FUCA1 Antibody [NBP2-58170] - Staining of human small intestine shows strong granular cytoplasmic positivity in glandular cells.





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### **Products Related to NBP2-58170**

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NBP2-58170PEP	Tissue alpha-L-Fucosidase/FUCA1 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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