

Product Datasheet

FABP1/L-FABP Antibody - BSA Free NBP1-87695

Unit Size: 0.1 ml

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

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NBP1-87695

FABP1/L-FABP Antibody - BSA Free

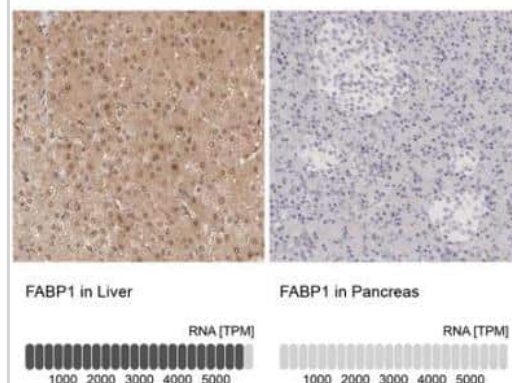
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	2168
Gene Symbol	FABP1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MSFSGKYQLQSQENFEAFMKAIGLPEELIQKGDIKGVSEIVQNGKHFKFTITAG SKVIQNEFTVGECELETMTGEEKVKTVVQLEGDNKLVTTFKNIKSVTELNGDIIT NTMTLGDIVFKRISKRI

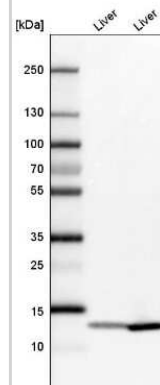
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

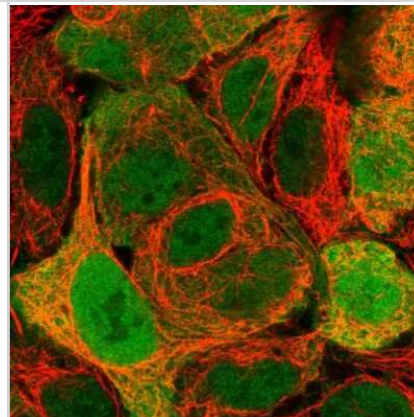
Immunohistochemistry-Paraffin: FABP1/L-FABP Antibody [NBP1-87695]
- Analysis in human liver and pancreas tissues. Corresponding FABP1 RNA-seq data are presented for the same tissues.



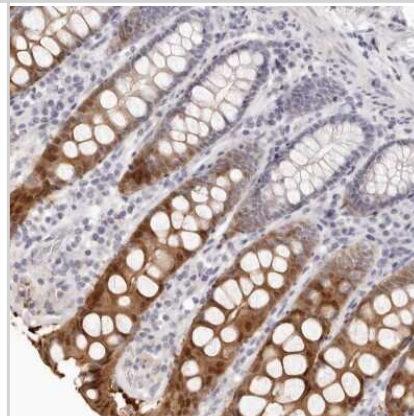
Western Blot: FABP1/L-FABP Antibody [NBP1-87695] - Western blot analysis in mouse liver tissue and rat liver tissue.



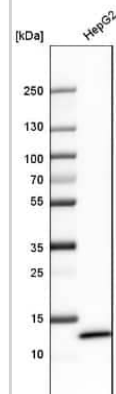
Immunocytochemistry/Immunofluorescence: FABP1/L-FABP Antibody [NBP1-87695] - Staining of human cell line CACO-2 shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



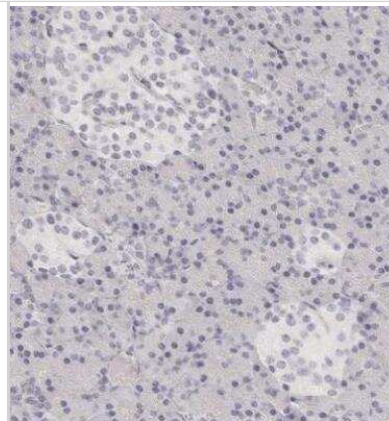
Immunohistochemistry-Paraffin: FABP1/L-FABP Antibody [NBP1-87695] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



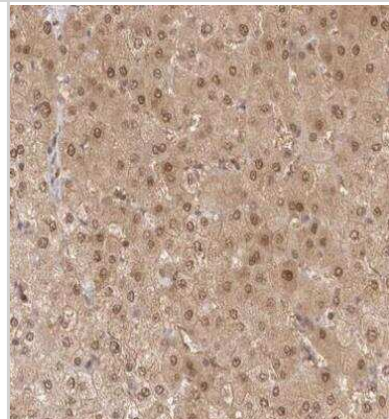
Western Blot: FABP1/L-FABP Antibody [NBP1-87695] - Analysis in human cell line HepG2.



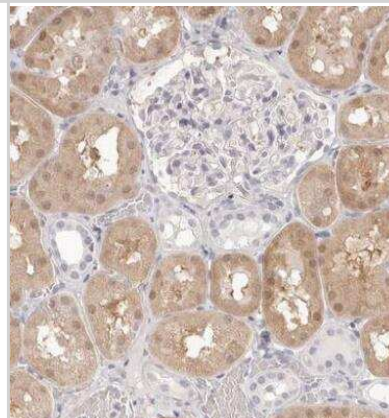
Immunohistochemistry-Paraffin: FABP1/L-FABP Antibody [NBP1-87695]
- Staining of human pancreas shows no positivity in exocrine glandular cells and islets of Langerhans as expected.



Immunohistochemistry-Paraffin: FABP1/L-FABP Antibody [NBP1-87695]
- Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: FABP1/L-FABP Antibody [NBP1-87695]
- Staining of human kidney shows weak cytoplasmic positivity in cells in tubules.



Publications

Lanik WE, Luke CJ, Nolan LS et al. Microfluidic device facilitates in vitro modeling of human neonatal necrotizing enterocolitis-on-a-chip JCI insight 2023-03-07 [PMID: 36881475] (Immunohistochemistry-Paraffin, Human)

Co JY, Klein JA, Kang S, Homan KA Suspended hydrogel culture as a method to scale up intestinal organoids Scientific reports 2023-06-27 [PMID: 37369732] (Immunohistochemistry, Human)

Ohara TE Dynamics of Epithelial Differentiation Following Intestinal Villus Injury Thesis 2023-01-01

Huang XT, Li T, Li T et al. Embryogenic stem cell-derived intestinal crypt fission directs de novo crypt genesis Cell reports 2022-12-13 [PMID: 36516755] (IHC-Fr, Mouse)

Details:

Dilution used in IHC-Fr 1:500

Ohara TE, Colonna M, Stappenbeck TS Adaptive differentiation promotes intestinal villus recovery Developmental cell 2022-01-24 [PMID: 35016013]

Yan KS, Gevaert O, Zheng GXY et al. Intestinal Enteroendocrine Lineage Cells Possess Homeostatic and Injury-Inducible Stem Cell Activity Cell Stem Cell 2017-07-06 [PMID: 28686870]

Yan KS, Janda CY, Chang J et al. Non-equivalence of Wnt and R-spondin ligands during Lgr5(+) intestinal stem-cell self-renewal. Nature 2017-05-11 [PMID: 28467820]





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Products Related to NBP1-87695

NBP1-87695PEP	FABP1/L-FABP 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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