

# Product Datasheet

## FABP7/B-FABP Antibody (CL0236) - BSA Free NBP2-52889

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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Updated 2/27/2025 v.20.1

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**NBP2-52889**

FABP7/B-FABP Antibody (CL0236) - BSA Free

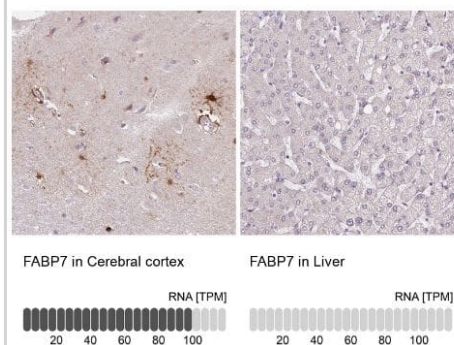
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0236
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	2173
Gene Symbol	FABP7
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%).
Immunogen	This antibody was developed using a recombinant protein derived from O15540, with the exact immunogen sequence remaining proprietary.

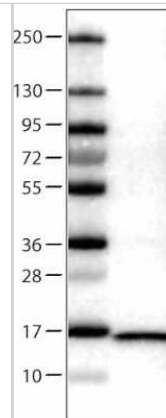
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

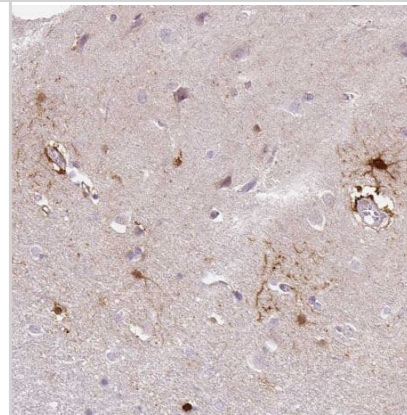
FABP7/B-FABP Antibody (CL0236) [NBP2-52889] - Analysis in human cerebral cortex and liver tissues using antibody. Corresponding FABP7 RNA-seq data are presented for the same tissues.



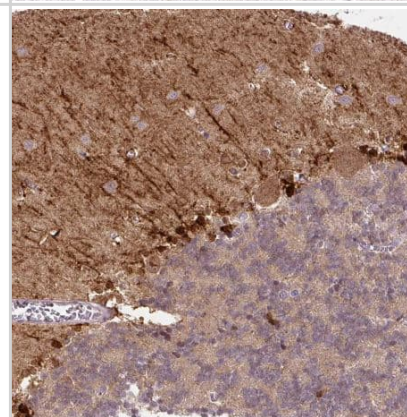
Western Blot: FABP7/B-FABP Antibody (CL0236) [NBP2-52889] - Lane 1: Marker [kDa] Lane 2: Human cell line U-251 MG



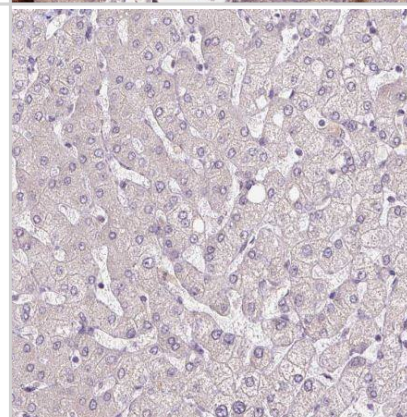
FABP7/B-FABP Antibody (CL0236) [NBP2-52889] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in glial cells.



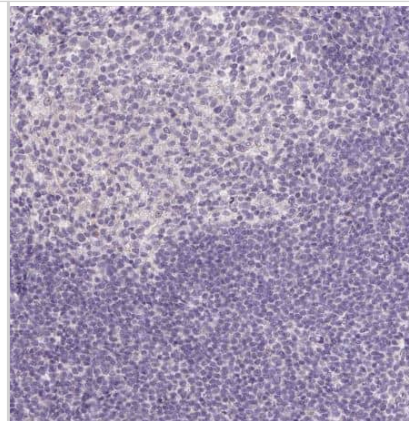
FABP7/B-FABP Antibody (CL0236) [NBP2-52889] - Staining of human cerebral cortex shows strong cytoplasmic positivity in a subset of cells in molecular layer.



FABP7/B-FABP Antibody (CL0236) [NBP2-52889] - Staining of human liver shows no positivity in hepatocytes as expected.



FABP7/B-FABP Antibody (CL0236) [NBP2-52889] -Staining of human tonsil shows no positivity in non-germinal center cells as expected.





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### **Products Related to NBP2-52889**

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NBP2-52889PEP	FABP7/B-FABP Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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