

Product Datasheet

FABP7/B-FABP Antibody - BSA Free NBP1-88648

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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Publications: 2

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NBP1-88648

FABP7/B-FABP Antibody - BSA Free

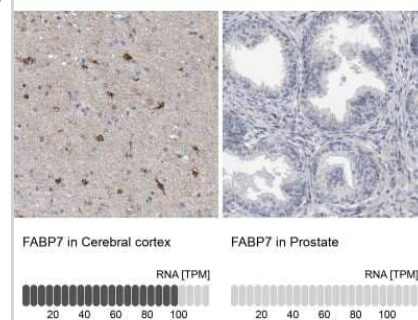
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	2173
Gene Symbol	FABP7
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%). Reactivity reported in scientific literature (PMID: 24653654)
Marker	Neuronal Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MVEAFCATWKLNSQNFDEYMKALGVGFATRQVGNVTKPTVIISQEGDKVVIR TLSTFKNTEISFQLGEEFDETTADDRNCK

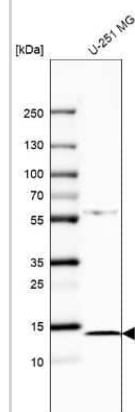
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	IHC reported in scientific literature (PMID: 25389781). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

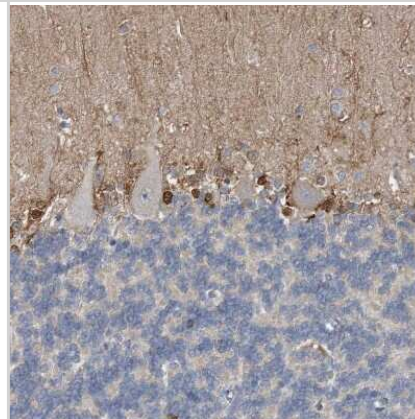
Immunohistochemistry-Paraffin: FABP7/B-FABP Antibody [NBP1-88648] - Staining in human cerebral cortex and prostate tissues using NBP1-88648 antibody. Corresponding FABP7 RNA-seq data are presented for the same tissues.



Western Blot: FABP7/B-FABP Antibody [NBP1-88648] - Analysis in human cell line U-251 MG.



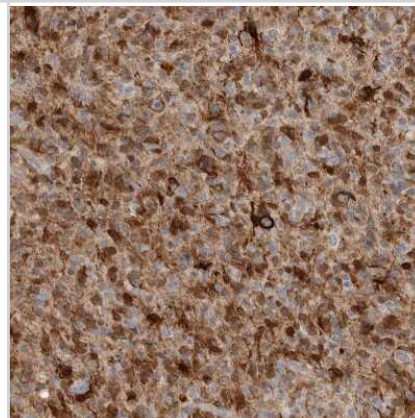
Immunohistochemistry-Paraffin: FABP7/B-FABP Antibody [NBP1-88648] - Staining of human cerebellum shows strong cytoplasmic positivity in Bergmann glia.



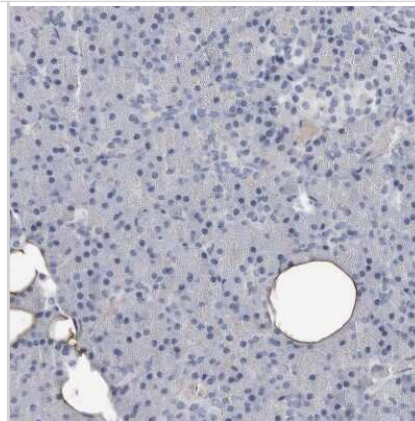
Immunohistochemistry-Paraffin: FABP7/B-FABP Antibody [NBP1-88648] - Staining of human cerebral cortex shows strong cytoplasmic positivity in glial cells.



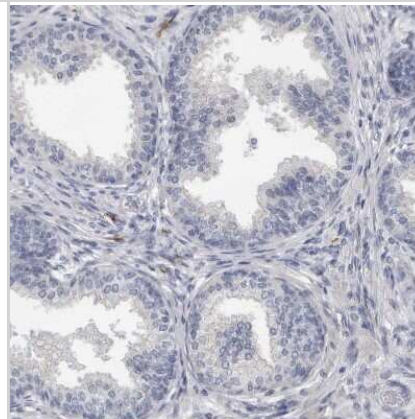
Immunohistochemistry-Paraffin: FABP7/B-FABP Antibody [NBP1-88648] - Staining of human glioma shows strong cytoplasmic positivity in tumor cells.



Immunohistochemistry-Paraffin: FABP7/B-FABP Antibody [NBP1-88648]
- Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: FABP7/B-FABP Antibody [NBP1-88648]
- Staining of human prostate shows no positivity in glandular cells as expected.



Publications

Gromov P, Espinoza JA, Talman ML et al. FABP7 and HMGCS2 are novel protein markers for apocrine differentiation categorizing apocrine carcinoma of the breast. PLoS One 2014-11-12 [PMID: 25389781] (IF/IHC, Human)

Tan C, Takayama T, Takaoka N et al. Impact of Gender in Renal Cell Carcinoma: The Relationship of FABP7 and BRN2 Expression with Overall Survival. Clin Med Insights Oncol 2014-01-01 [PMID: 24653654] (IF/IHC)



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Products Related to NBP1-88648

NBP1-88648PEP	FABP7/B-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

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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