

# 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**

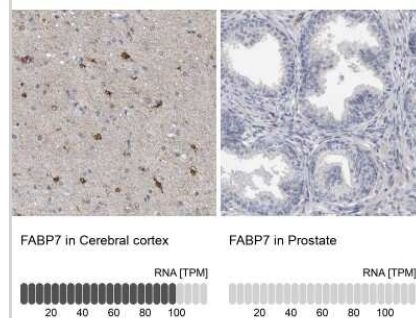
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</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

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit FABP7/B-FABP Antibody - BSA Free (NBP1-88648) is a polyclonal antibody validated for use in IHC and WB. Anti-FABP7/B-FABP Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2173
<b>Gene Symbol</b>	FABP7
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%). Reactivity reported in scientific literature (PMID: 24653654)
<b>Marker</b>	Neuronal Marker
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: MVEAFCATWKLNSQNFDEYMKALGVGFATRQVGNVTKPTVIISQEGDKVVIR TLSTFKNTEISFQLGEEFDETTADDRNCK

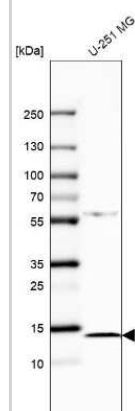
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	IHC reported in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

## Images

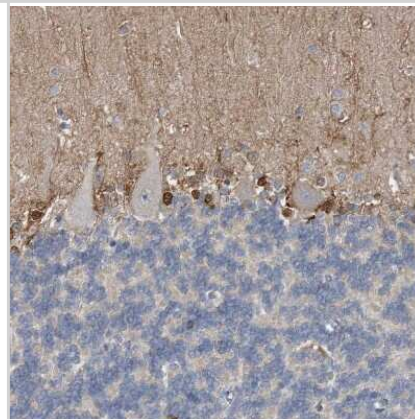
Immunohistochemistry-Paraffin: FABP7/B-FABP Antibody [NBP1-88648]  
 - Staining in human cerebral cortex and prostate tissues using NBP1-88648 antibody. Corresponding FABP7 RNA-seq data are presented for the same tissues.



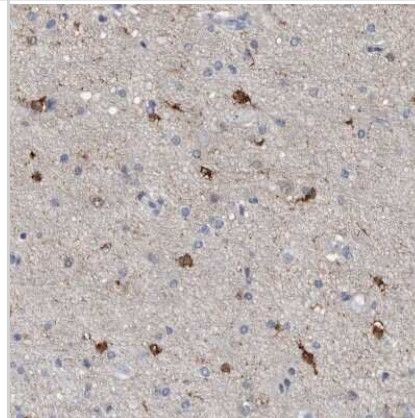
Western Blot: FABP7/B-FABP Antibody [NBP1-88648] - Analysis in human cell line U-251 MG.



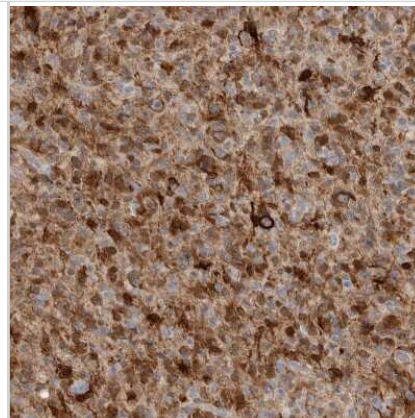
Immunohistochemistry-Paraffin: FABP7/B-FABP Antibody [NBP1-88648]  
 - Staining of human cerebellum shows strong cytoplasmic positivity in Bergmann glia.



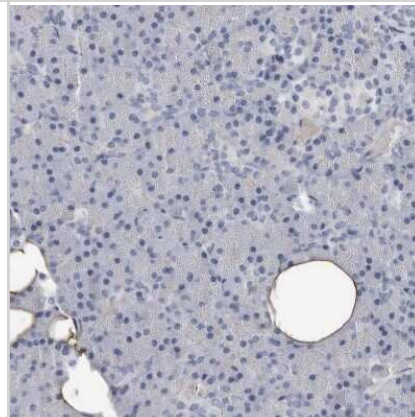
Immunohistochemistry-Paraffin: FABP7/B-FABP Antibody [NBP1-88648]  
 - Staining of human cerebral cortex shows strong cytoplasmic positivity in glial cells.



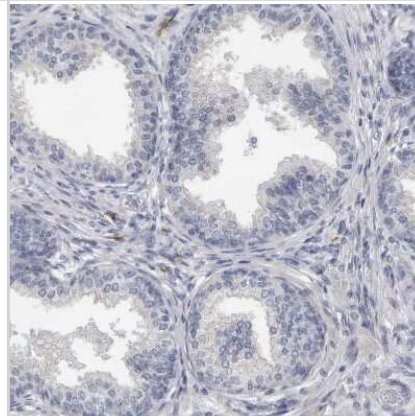
Immunohistochemistry-Paraffin: FABP7/B-FABP Antibody [NBP1-88648]  
 - Staining of human glioma shows strong cytoplasmic positivity in tumor cells.



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**

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NBP1-88648PEP	FABP7/B-FABP Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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