

Allgemeine Informationen

Katalog-Nr.: 51010-1-AP	GenBank-Zugangsnummer: BC012299	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 400 µg/ml von Nanodrop und 300 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 2173	Empfohlene Verdünnungen: WB 1:500-1:3000 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: fatty acid binding protein 7, brain	
Isotyp: IgG	Berechnete Masse: 132aa, 15 kDa; 166aa, 19 kDa	
	Beobachtete Masse: 15 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Maus, Ratte

Hinweis-IHC: Antigendmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: fetales humanes Hirngewebe, humanes Hirngewebe, Maus-Fettgewebe

IHC: humanes Gliomgewebe, humanes Hirngewebe, humanes malignes Melanomgewebe, humanes Mammakarzinomgewebe

Hintergrundinformationen

FABP7 (brain fatty acid-binding protein; BLBP) is a member of the FABP family of lipid chaperones involved in the uptake and intracellular trafficking of fatty acids. FABP7 is expressed in radial glial cells during brain development. FABP7 is up-regulated in brain tumor tissue; its expression has been associated with decreased survival times and tumor progression in patients with astrocytoma, melanoma, basal-type breast cancer, and renal cell carcinoma. This antibody is useful to label radial glial cells.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Haiyan He	36125039	Food Funct	WB
Haiyan He	36252627	Int J Biol Macromol	WB
Mingming Song	34653936	Biomaterials	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

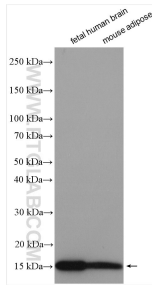
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

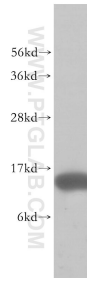
E: proteintech@ptglab.com
 W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

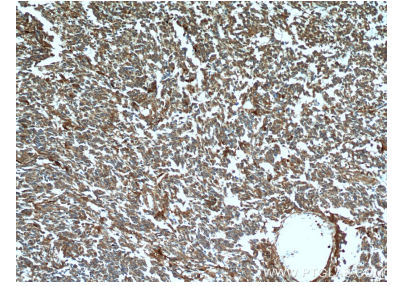
Ausgewählte Validierungsdaten



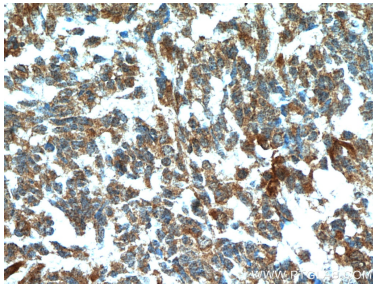
Various lysates were subjected to SDS PAGE followed by western blot with 51010-1-AP (FABP7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



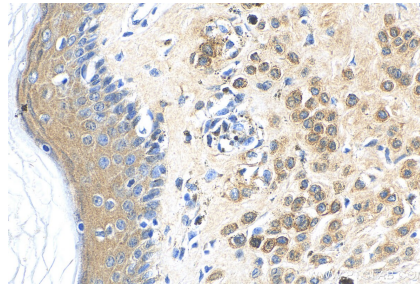
human brain tissue were subjected to SDS PAGE followed by western blot with 51010-1-AP (FABP7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



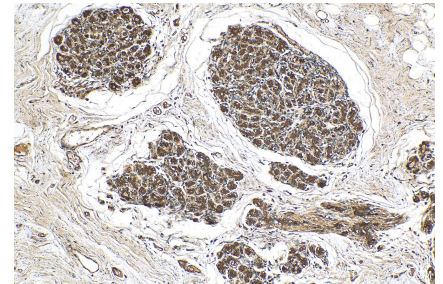
Immunohistochemical analysis of paraffin-embedded human gliomas using 51010-1-AP (FABP7 antibody) at dilution of 1:50 (under 10x lens).



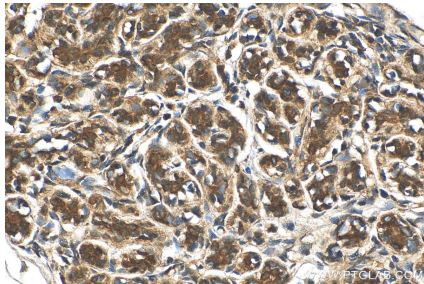
Immunohistochemical analysis of paraffin-embedded human gliomas using 51010-1-AP (FABP7 antibody) at dilution of 1:50 (under 40x lens).



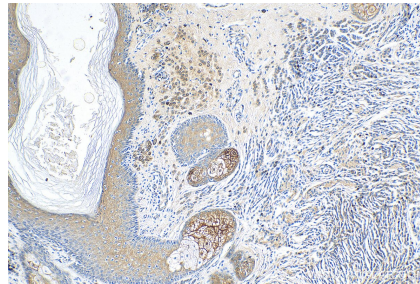
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 51010-1-AP (FABP7 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 51010-1-AP (FABP7 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 51010-1-AP (FABP7 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 51010-1-AP (FABP7 antibody) at dilution of 1:100 (under 10x lens).