

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-FABP7-Specific



Numéro de catalogue: 14836-1-AP

2 Publications

## Informations de base

Numéro de catalogue: 14836-1-AP	Numéro d'acquisition GenBank: NM_001446	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 450 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 2173	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: fatty acid binding protein 7, brain	
Isotype: IgG	MW calculé: 15 kDa	
	MW observés: 14-15 kDa	

## Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : tissu cérébral humain, cellules U-251
Demandes citées: IF, IHC	IHC : tissu de cancer du sein humain,
Spécificité de l'espèce: Humain	
Espèces citées: Humain	

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

## Informations générales

FABP7 (Fatty Acid Binding Protein-7), also known as B-FABP (Brain Fatty Acid-Binding Protein), is a member of FABP family which are intracellular proteins involved in lipid metabolism. Normally FABP7 is mainly expressed in brain and other neural tissues and is important in early nervous system development. In addition, FABP7 is considered a marker for some brain tumors and may have a role in tumorigenesis in the peripheral nervous system and in several extra nervous system neoplasms such as breast cancer, renal cancer, and melanoma. This antibody specially recognizes FABP7 and not cross-react with other FABPs.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Libo Su	29982651	Nucleic Acids Res	IF
Chengming Liu	33889215	Ther Adv Med Oncol	IHC

## Stockage

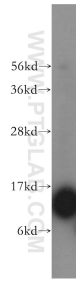
Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

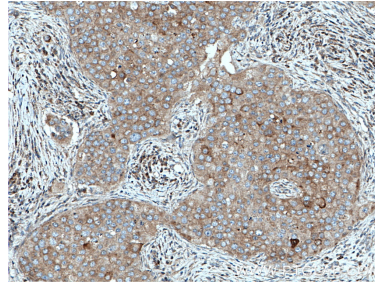
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

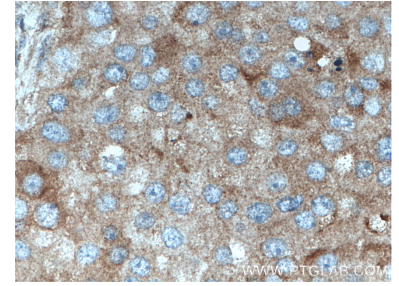
## Données de validation sélectionnées



human brain tissue were subjected to SDS PAGE followed by western blot with 14836-1-AP (FABP7-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14836-1-AP (FABP7-Specific antibody) at dilution of 1:200 (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 14836-1-AP (FABP7-Specific antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).