

FABP5 Polyclonal Antibody

Catalog number: 12348-1-AP

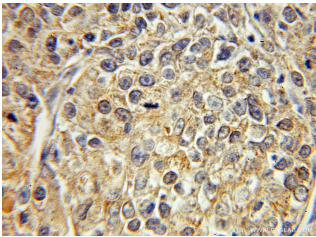
Size: 32 µg/150 µl

Source: Rabbit

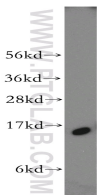
Isotype: IgG

Synonyms:

FABP5; FABP5, PA FABP, EFABP, Fatty acid binding protein 5, PAFABP



Immunohistochemical of paraffin-embedded human lung cancer using 12348-1-AP (FABP5 antibody) at dilution of 1:50 (under 10x lens)



human brain tissue were subjected to SDS PAGE followed by western blot with 12348-1-AP (FABP5 antibody) at dilution of 1:500

Background

FABP5, also named as PA-FABP and E-FABP, belongs to the calycin superfamily and Fatty-acid binding protein (FABP) family. It is high specificity for fatty acids. FABP5 is highest affinity for C18 chain length. It may be involved in keratinocyte differentiation. FABP5 is a fatty acid-binding protein and is expressed in epidermis and endothelial cells of the microvasculature of different organs. FABP5 has also been identified as a tumor-associated antigen, which is highly expressed in various cancers. FABP5 was detected in the sera of HNSCC patients with early stage cancer. Antibodies specific for FABP5 were significantly increased in a substantial amount in patients, suggesting that FABP5 may be a potential diagnostic biomarker for HNSCC. FABP5 may serve as a biomarker for HNSCC. (PMID:19602232)

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated FABP5 MW:	135aa, 15 kDa
Observed FABP5 MW:	15kd
Positive WB detected in	Human brain tissue, A375 cells, mouse skin tissue
Positive IHC detected in	Human lung cancer
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3005
GenBank accession number:	BC019385
Gene ID (NCBI):	2171
Full name:	Fatty acid binding protein 5 (psoriasis-associated)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.