

FABP4 Ab

[References\(9\)](#) [Images\(7\)](#)

Cat.#: DF6035
Size:

Concn.: ~1mg/ml
Source: Rabbit

Mol.Wt.: 15kDa
Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200

*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

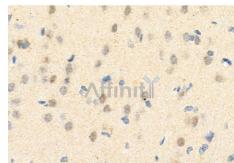
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human FABP4, corresponding to a region within the internal amino acids.

Uniprot: P15090

Description: Fatty acid binding proteins (FABPs) bind to fatty acids and other lipids to function as cytoplasmic lipid chaperones . They participate in the transport of fatty acids and other lipids to various cellular pathways . The predominant fatty acid binding protein found in adipocytes is FABP4, also called adipocyte fatty acid binding protein or aP2. FABP4 is also expressed in macrophages . FABP4 knockout mice fed a high-fat and high-calorie diet become obese but develop neither insulin resistance nor diabetes, suggesting that this protein might be a link between obesity and insulin resistance and diabetes . Mice deficient in both FABP4 and ApoE show protection against atherosclerosis when compared with mice deficient only in ApoE .



DF6035 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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