

FABP4 (ANT0076R) Rabbit mAb

CatalogNo: ANT8108 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,

Reactivity

- WB,IHC,IF,IP,ELISA

Applications

MW

- 15kD (Calculated)
 - IgG,Kappa
- 15kD (Observed)

Isotype

Recommended Dilution Ratios

IHC 1:200-1000

WB 1:1000-5000

IF 1:200-1000

ELISA 1:5000-20000

IP 1:50-200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

Clone Number ANT0076R

Target Information

Endogenous

Gene name FABP4

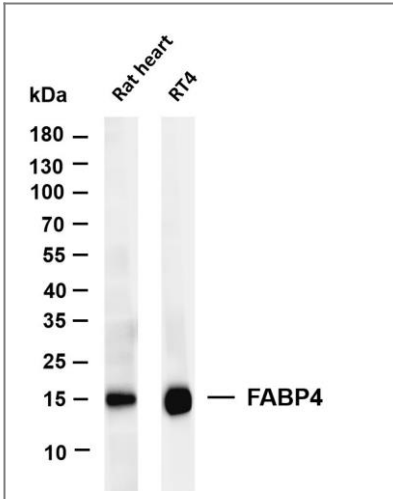
Protein Name A-FABP

| Organism | Gene ID | UniProt ID |
|----------|-------------------------|--------------------------|
| Human | 2167 ; | P15090 ; |
| Mouse | 11770 ; | P04117 ; |
| Rat | | P70623 ; |

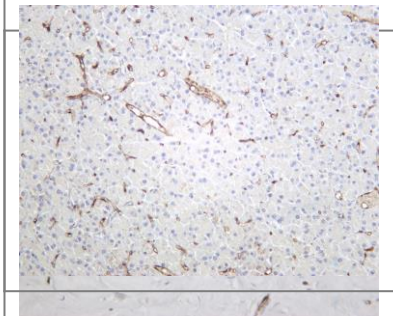
Cellular Localization Cytoplasm

Function Domain:Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.,Function:Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus.,similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.,subcellular location:Depending on the nature of the ligand, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus. Subject to constitutive nuclear export.,subunit:Homodimer. Interacts with PPARG (By similarity). Monomer.,

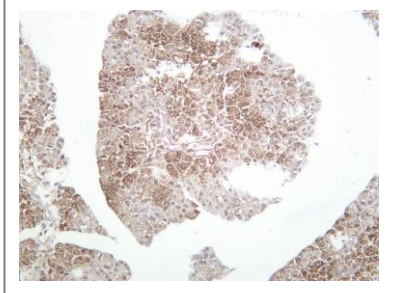
Validation Data



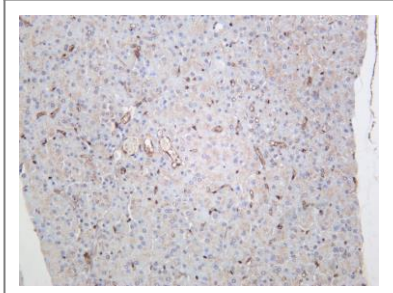
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-FABP4 (ANT0076R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Rat heart Lane 2: RT4 Predicted band size: 15kDa
Observed band size: 15kDa



Human breast carcinoma was stained with Anti-FABP4 (ANT0076R) rabbit antibody
Mouse pancreas was stained with Anti-FABP4 (ANT0076R) rabbit antibody



Rat pancreas was stained with Anti-FABP4 (ANT0076R) rabbit antibody



Rat pancreas was stained with anti-FABP4 (ANT0076R) rabbit antibody