

A-FABP Rabbit pAb

CatalogNo: YT7833

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 15kD (Calculated)

Isotype

- IgG

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human A-FABP AA range: 80-120

Specificity This antibody detects endogenous levels of Human A-FABP

Target Information

Gene name FABP4

Protein Name	A-FABP		
	Organism	Gene ID	UniProt ID
	Human	2167;	P15090;
	Mouse	11770;	P04117;
	Rat		P70623;
Cellular Localization	Cytoplasm . Nucleus . 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. .		
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

| Contact information

Orders:

order.cn@immunoway.com

Support:

support.cn@immunoway.com

Telephone:

400-8787-807(China)

Website:

http://www.immunoway.com.cn

Address:

2200 Ringwood Ave San Jose, CA 95131 USA



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