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Datasheet for ABIN7428368 anti-FABP1 antibody (AA 2-127)

2 Images



Overview

| Quantity: | 100 µL |
|----------------------|---|
| Target: | FABP1 |
| Binding Specificity: | AA 2-127 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This FABP1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| Purpose: | Monoclonal Antibody to Fatty Acid Binding Protein 1 (FABP1) |
|-------------------|---|
| Immunogen: | Recombinant Fatty Acid Binding Protein 1 (FABP1) corresdonding to Ser2~Ile127 with N- terminal His Tag |
| Clone: | 2# |
| lsotype: | IgG2b kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against FABP1. It has been selected for its ability to recognize FABP1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Rat |
| Purification: | Protein A + Protein G affinity chromatography |

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| Target Details | |
|-------------------|---|
| Target: | FABP1 |
| Alternative Name: | Fatty Acid Binding Protein 1 (FABP1 Products) |
| Background: | FABP-1, FABPL, L-FABP, LFABP, Liver-type fatty acid-binding protein, Fatty Acid Binding Protein 1, Liver |
| Pathways: | Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha |

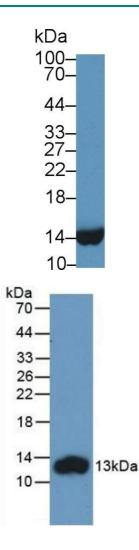
Application Details

| Application Notes: | Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user. |
|--------------------|---|
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|---|
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |

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Western Blotting

Image 1. Detection of FABP1 in Human Liver lysate using Monoclonal Antibody to Fatty Acid Binding Protein 1 (FABP1)

Western Blotting

Image 2. Detection of Recombinant FABP1, Human using Monoclonal Antibody to Fatty Acid Binding Protein 1 (FABP1)

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