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Datasheet for ABIN7429538 anti-alpha Fetoprotein antibody (AA 31-171)





Overview

| Quantity: | 100 µL |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Target: | alpha Fetoprotein (AFP) |
| Binding Specificity: | AA 31-171 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This alpha Fetoprotein antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| Purpose: | Polyclonal Antibody to Alpha-Fetoprotein (AFP) |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen: | Recombinant Alpha-Fetoprotein (AFP) corresdonding to Ile31~Pro171 with N-terminal His Tag |
| lsotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against AFP. It has been selected for its ability to recognize AFP in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |
| Target Details | |

Target:

alpha Fetoprotein (AFP)

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| Target Details | |
|---------------------|--------------------------------------------------------------------------------------------------|
| Alternative Name: | Alpha-Fetoprotein (AFP Products) |
| Background: | AFP, A-FP, FETA, HPAFP, Alpha-Fetoglobulin, Alpha-1-fetoprotein |
| Pathways: | C21-Steroid Hormone Metabolic Process |
| Application Details | |
| Application Notes: | Western blotting: 0.5-2 µg/mL |
| | Immunohistochemistry: 5-20 µg/mL |
| | Immunocytochemistry: 5-20 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.

4 °C,-20 °C

24 months

Storage:

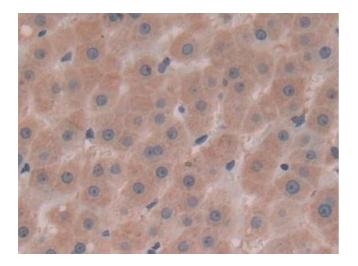
Expiry Date:

Storage Comment:

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detectable loss of activity. Avoid repeated freeze-thaw cycles.

Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without



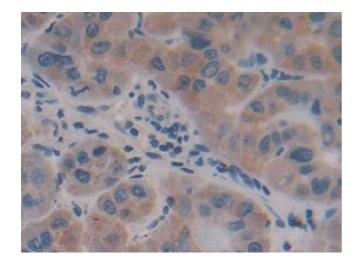
kDa 44 33 26 22 18 ● ←18kDa 14 10

Immunohistochemistry

Image 1. Detection of AFP in Human Liver Tissue using Polyclonal Antibody to Alpha-Fetoprotein (AFP)

Western Blotting

Image 2. Detection of Recombinant aFP, Human using Polyclonal Antibody to Alpha-Fetoprotein (AFP)



Immunohistochemistry

Image 3. Detection of AFP in Human Liver cancer Tissue using Polyclonal Antibody to Alpha-Fetoprotein (AFP)

Please check the product details page for more images. Overall 4 images are available for ABIN7429538.

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