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Datasheet for ABIN7437914

## anti-Fatty Acid Synthase antibody (AA 2263-2512)

### 3 Images

#### Overview

Quantity:	100 µL
Target:	Fatty Acid Synthase (FASN)
Binding Specificity:	AA 2263-2512
Reactivity:	Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fatty Acid Synthase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Polyclonal Antibody to Fatty Acid Synthase (FASN)
Immunogen:	Recombinant Fatty Acid Synthase (FASN) corresponding to Ser2263~Gly2512 (Accession # P12276)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against FASN. It has been selected for its ability to recognize FASN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	Fatty Acid Synthase (FASN)
Alternative Name:	Fatty Acid Synthase ( <a href="#">FASN Products</a> )
Background:	FAS, OA519, SDR27X1, Short Chain Dehydrogenase/Reductase Family 27X, Member 1, S-acetyltransferase, 3-oxoacyl synthase, Oleoyl hydrolase, Enoyl-acyl-carrier-protein reductase
Pathways:	<a href="#">AMPK Signaling</a>

## Application Details

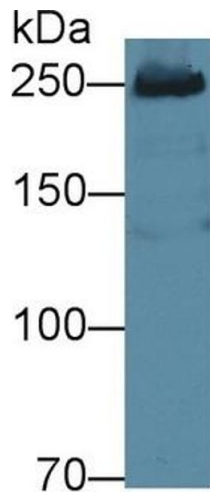
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Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-50 µg/mL Immunocytochemistry: 5-50 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate 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

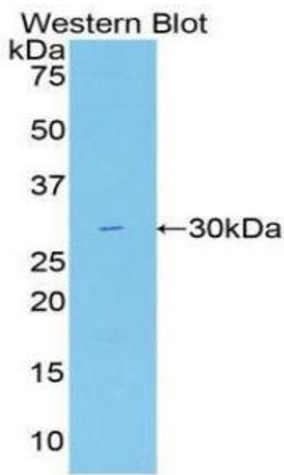
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Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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



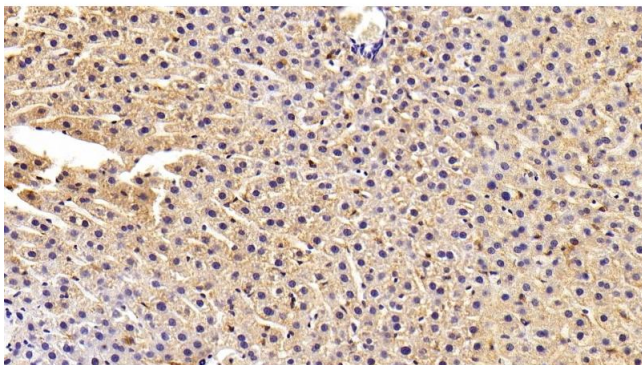
#### Western Blotting

**Image 1.** Detection of FASN in Human HepG2 cell lysate using Polyclonal Antibody to Fatty Acid Synthase (FASN)



#### Western Blotting

**Image 2.** Detection of Recombinant Gallus, Human using Polyclonal Antibody to Fatty Acid Synthase (FASN)



#### Immunohistochemistry

**Image 3.** Detection of FASN in Rat Liver Tissue using Polyclonal Antibody to Fatty Acid Synthase (FASN)