

Datasheet for ABIN6261684

**anti-Fatty Acid Synthase antibody (N-Term)**[Go to Product page](#)**2** Images

## Overview

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Quantity:            | 100 µL                                                   |
| Target:              | Fatty Acid Synthase (FASN)                               |
| Binding Specificity: | N-Term                                                   |
| Reactivity:          | Human, Mouse, Rat                                        |
| Host:                | Rabbit                                                   |
| Clonality:           | Polyclonal                                               |
| Conjugate:           | This Fatty Acid Synthase antibody is un-conjugated       |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

## Product Details

|                       |                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | A synthesized peptide derived from human FASN, corresponding to a region within N-terminal amino acids.                   |
| Isotype:              | IgG                                                                                                                       |
| Specificity:          | FASN Antibody detects endogenous levels of total FASN.                                                                    |
| Predicted Reactivity: | Zebrafish,Bovine,Horse,Dog                                                                                                |
| Purification:         | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

## Target Details

|         |                            |
|---------|----------------------------|
| Target: | Fatty Acid Synthase (FASN) |
|---------|----------------------------|

## Target Details

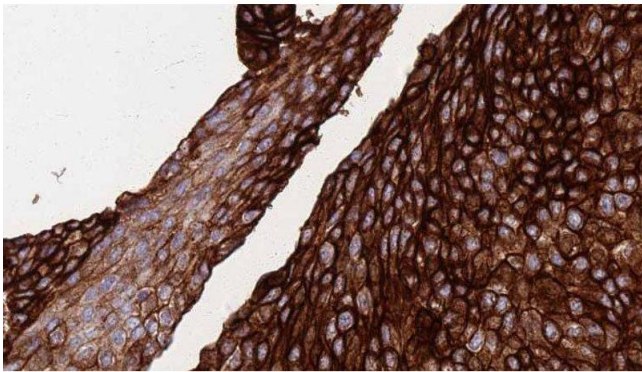
|                   |                                                                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | FASN ( <a href="#">FASN Products</a> )                                                                                                                                                                                                    |
| Background:       | <p>Description: Fatty acid synthetase catalyzes the formation of long-chain fatty acids from acetyl-CoA, malonyl-CoA and NADPH. This multifunctional protein has 7 catalytic activities as an acyl carrier protein.</p> <p>Gene: FASN</p> |
| Molecular Weight: | 272kDa                                                                                                                                                                                                                                    |
| Gene ID:          | 2194                                                                                                                                                                                                                                      |
| UniProt:          | <a href="#">P49327</a>                                                                                                                                                                                                                    |
| Pathways:         | <a href="#">AMPK Signaling</a>                                                                                                                                                                                                            |

## Application Details

|                    |                                                                 |
|--------------------|-----------------------------------------------------------------|
| Application Notes: | WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 |
| Restrictions:      | For Research Use only                                           |

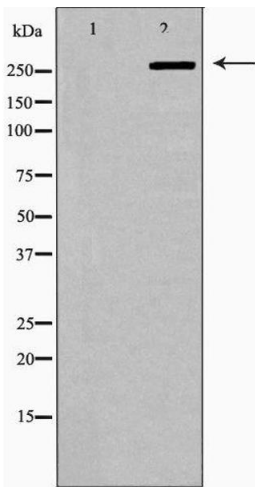
## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:           | -20 °C                                                                                                                 |
| Storage Comment:   | Store at -20 °C. Stable for 12 months from date of receipt.                                                            |
| Expiry Date:       | 12 months                                                                                                              |



### Immunohistochemistry

**Image 1.** ABIN6276377 at 1/100 staining Human urothelial cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



### Western Blotting

**Image 2.** Western blot analysis of A549 whole cell lysates, using FASN Antibody. The lane on the left is treated with the antigen-specific peptide.