

Datasheet for ABIN1833620

## anti-Fatty Acid Synthase antibody (AA 401-694)



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### Overview

|                      |                                                                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                       |
| Target:              | Fatty Acid Synthase (FASN)                                                                                                                   |
| Binding Specificity: | AA 401-694                                                                                                                                   |
| Reactivity:          | Human, Mouse                                                                                                                                 |
| Host:                | Rabbit                                                                                                                                       |
| Clonality:           | Polyclonal                                                                                                                                   |
| Conjugate:           | This Fatty Acid Synthase antibody is un-conjugated                                                                                           |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|               |                                                                                                                                                                                                                                                   |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Recombinant fragment corresponding to a region within amino acids 401 and 694 of Fatty Acid Synthase (SwissProt P49327). Percent identity by BLAST analysis: Human (100%), Rat (85%), Bovine (81%).<br><br>Type of Immunogen: Recombinant protein |
| Isotype:      | IgG                                                                                                                                                                                                                                               |
| Specificity:  | Human FASN / Fatty Acid Synthase                                                                                                                                                                                                                  |
| Purification: | Immunoaffinity purified                                                                                                                                                                                                                           |

## Target Details

|                   |                                                                                |
|-------------------|--------------------------------------------------------------------------------|
| Target:           | Fatty Acid Synthase (FASN)                                                     |
| Alternative Name: | FASN / Fatty Acid Synthase ( <a href="#">FASN Products</a> )                   |
| Background:       | Name/Gene ID: FASN<br><br>Synonyms: FASN, Fatty acid synthase, OA-519, SDR27X1 |
| Gene ID:          | 2194                                                                           |
| UniProt:          | <a href="#">P49327</a>                                                         |
| Pathways:         | <a href="#">AMPK Signaling</a>                                                 |

## Application Details

|                    |                                                                                                                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ICC (1:100 - 1:1000), IHC, IHC-P (1:100 - 1:1000), WB (1:500 - 1:3000)<br><br>Usage: IHC-paraffin: Suggested antigen retrieval using heat mediated 10 mM Citrate buffer ( pH 6.0) or Tris-EDTA buffer ( pH 8.0). |
| Comment:           | Target Species of Antibody: Human                                                                                                                                                                                          |
| Restrictions:      | For Research Use only                                                                                                                                                                                                      |

## Handling

|                    |                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                             |
| Concentration:     | Lot specific                                                                                                                       |
| Buffer:            | 0.1 M Tris-glycine, pH 7.0, 10 % glycerol, 0.01 % Thimerosal                                                                       |
| Preservative:      | Thimerosal (Merthiolate)                                                                                                           |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Keep as concentrated solution. Avoid multiple freeze-thaw cycles.                                                                  |
| Storage:           | -20 °C                                                                                                                             |
| Storage Comment:   | Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.                             |