

Datasheet for ABIN916391

## anti-SREBF2 antibody (AbBy Fluor® 350)



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### Overview

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                          |
| Target:      | SREBF2                                                                          |
| Reactivity:  | Human, Rat, Mouse, Pig                                                          |
| Host:        | Rabbit                                                                          |
| Clonality:   | Polyclonal                                                                      |
| Conjugate:   | This SREBF2 antibody is conjugated to AbBy Fluor® 350                           |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human SREBP-2 |
| Isotype:          | IgG                                                         |
| Cross-Reactivity: | Human, Mouse, Rat                                           |
| Purification:     | Purified by Protein A.                                      |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | SREBF2                                                                                                                                                                                                                                                                                                                                   |
| Alternative Name: | SREBP-2 ( <a href="#">SREBF2 Products</a> )                                                                                                                                                                                                                                                                                              |
| Background:       | Synonyms: Sterol Regulatory Element Binding Protein-2, MGC124823, Srebf2_retired, SREBP-2, SREBP2, SRBP2_HUMAN, Sterol regulatory element-binding protein 2, SREBP-2, Class D basic helix-loop-helix protein 2, bHLHd2, Sterol regulatory element-binding transcription factor 2, Processed sterol regulatory element-binding protein 2. |

## Target Details

Background: Under basal conditions SREBP is bound to ER membranes as a glycosylated precursor protein. Upon cholesterol depletion, the protein is cleaved to its active forms (50-68 kDa) and translocated into the nucleus to stimulate transcription of genes involved in the uptake and synthesis of cholesterol. ab30682 detects both precursor and active forms of SREBP2 in tissues and cells such as liver, brown fat, testis, HepG2 cells, and human fibroblast. The apparent molecular weight on SDS-PAGE may be higher than the calculated molecular weight (about 126 kDa) due to glycosylation of the protein.

Molecular Weight: 126kDa

Gene ID: 6721

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

Application Notes: IF(IHC-P)(1:100-500)  
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months