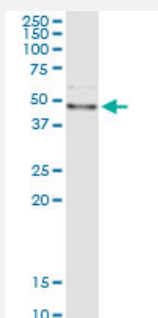


# FASN (Human) IP-WB Antibody Pair

Catalog # H00002194-PW3

Size 1 Set

## Applications



Immunoprecipitation of FASN transfected lysate using rabbit polyclonal anti-FASN and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-FASN.

## Specification

|                                |                                                                                                                                                                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.                                                                                                    |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                           |
| <b>Quality Control Testing</b> | Immunoprecipitation-Western Blot (IP-WB)<br>Immunoprecipitation of FASN transfected lysate using rabbit polyclonal anti-FASN and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-FASN. |
| <b>Supplied Product</b>        | Antibody pair set content:<br>1. Antibody pair for IP: rabbit polyclonal anti-FASN (300 ul)<br>2. Antibody pair for WB: mouse purified polyclonal anti-FASN (50 ug)                                                                             |
| <b>Storage Instruction</b>     | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.                                                              |

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — FASN

**Entrez GeneID** [2194](#)**Gene Name** FASN**Gene Alias** FAS, MGC14367, MGC15706, OA-519, SDR27X1**Gene Description** fatty acid synthase**Omim ID** [600212](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** The enzyme encoded by this gene is a multifunctional protein. Its main function is to catalyze the synthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-chain saturated fatty acids. In some cancer cell lines, this protein has been found to be fused with estrogen receptor-alpha (ER-alpha), in which the N-terminus of FAS is fused in-frame with the C-terminus of ER-alpha. [provided by RefSeq]

**Other Designations** short chain dehydrogenase/reductase family 27X, member 1

## Pathway

- [Fatty acid biosynthesis](#)
- [Insulin signaling pathway](#)
- [Metabolic pathways](#)

## Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)

- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Obesity](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Weight Gain](#)