



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# FASN purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00002194-B01P

規格 : [ 50 ug ]

[List All](#)

## Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human FASN protein.

**Immunogen:** FASN (AAH07909.1, 1 a.a. ~ 439 a.a) full-length human protein.

**Sequence:**  
 MSTNDTIVSGTLPQRMASCLEVLDFLNQPHMVLSSFVLAEKAAAYRDR  
 DSQRDLVEAVAHILGIRDLAAVNLDSSLADLGLDSLMSVEVRQTLERELN  
 LVLVREVRQLTLRKLQELSSKADEASELACPTPKEDGLAQQQTQLNLR  
 SLLVNPEGPTLMRLNSVQSSERPLFLVHPIEGSTTVFHSLASRLSIPTYGL  
 QCTRAAPLDSIHSLAAYIDCIRQVQPEGPYRVAGYSYGACVAFEMCSQL  
 QAQQSPAPTHNSLFLFDGSPTYVLAYTQSYRAKLTGCEAEAEAEICF  
 FVQQFTDMEHNRVLEALLPLKGLEERVAADVLIKSHQGLDRQELSFAA  
 RSFYKLRAAEQYTPKAKYHGNVMLLRAKTGGAYGEDLGADYNLSQVC  
 DGKVSVHVIEGDHRTLLEGSGLESIISIIHSSLAEPVSVREG

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

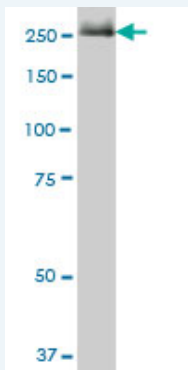
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

## Applications

### Western Blot (Tissue lysate)



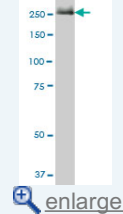
FASN MaxPab polyclonal antibody. Western Blot analysis of FASN expression in human placenta.

[Protocol Download](#)

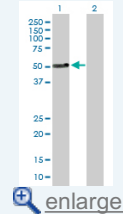
### Western Blot (Transfected lysate)

## Application Image

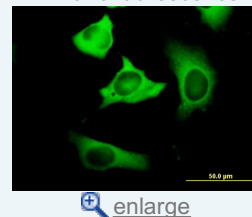
### Western Blot (Tissue lysate)

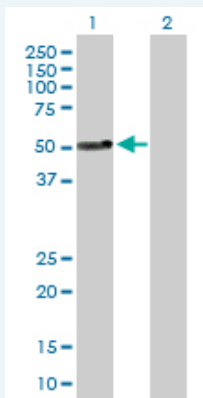


### Western Blot (Transfected lysate)



### Immunofluorescence



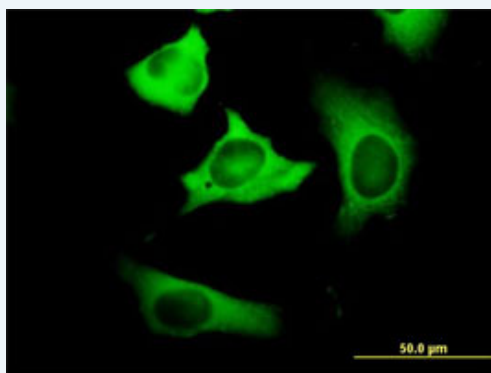


Western Blot analysis of FASN expression in transfected 293T cell line ([H00002194-T01](#)) by FASN MaxPab polyclonal antibody.

Lane 1: FASN transfected lysate(48.29 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Immunofluorescence



enlarge this image

Immunofluorescence of purified MaxPab antibody to FASN on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

### Gene Information

Entrez GeneID: [2194](#)

GeneBank [BC007909.1](#)  
Accession#:

Protein [AAH07909.1](#)  
Accession#:

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** [short chain dehydrogenase/reductase family 27X, member 1](#)

**Designations:**

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**Gene Pathway**

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

**Related Disease**

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[Breast cancer](#) [Breast Neoplasms](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#)  
[Edema](#) [Genetic Predisposition to Disease](#) [Hypercholesterolemia](#) [Insulin Resistance](#)  
[Kidney Failure, Chronic](#) [Obesity](#) [Obesity](#) [Prostatic Neoplasms](#)  
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