

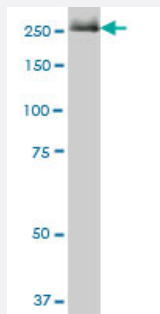
MaxPab®

FASN purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002194-B01P

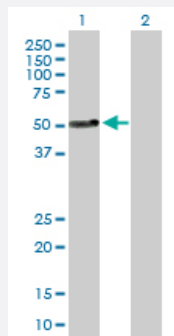
Size 50 ug

Applications



Western Blot (Tissue lysate)

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

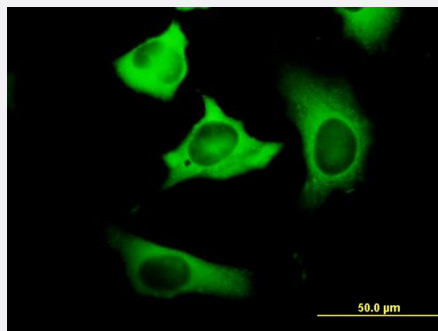


Western Blot (Transfected lysate)

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.



Immunofluorescence

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

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	MSTNDTIVSGTLPQRMASCLEVLDLFLNQPHMVLSSFVLAEKAAAYRDRDSQRDLVEAVAHILGIR DLAAVNLDSSLADLGLDSLMSVEVRQTLERELNLVLSVREVRQLTLRKLQELSSKADEASELAC PTPKEDGLAQQQTQLNLRSLLVNPEGPTLMRLNSVQSSERPLFLVHPIEGSTTVFHSLASRLSIPT YGLQCTRAAPLDSIHSLSAAYYIDCIRQVQPEGPYRVAGYSYGACVAFEMCSQLQAQQSPAPTHNS LFLFDGSPTYVLAYTQSYRAKLTPGCEAEAEATEAICFFVQQFTDMEHNRVLEALLPLKGLEERVAA AVDLIIKSHQGLDRQELSFAARSFYYKLRAAEQYTPKAKYHGNVMLLRAKTGGAYGEDLGADYNLS QVCDGKVSVHVIEGDHRTLLEGSGLESIIISIIHSSLAEPVSVREG
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.

Applications

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

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

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[Protocol Download](#)

- Immunofluorescence

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

Gene Info — FASN

Entrez GeneID

[2194](#)

GeneBank Accession#

[BC007909.1](#)

Protein Accession#	AAH07909.1
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](#)