

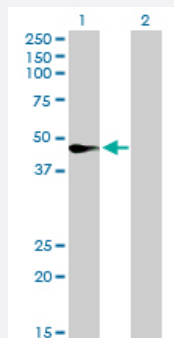
MaxPab®

FASN purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002194-D01P

Size 100 ug

Applications



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(48.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit 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	MSTNDTIVSGTLPQRMASCLEVLDFLNQPHMVLSSFVLAEKAAAYRDRDSQRDLVEAVAHILGIRDLAAVNLDSSLADLGLDSLMSVEVRQTLERELNLVLSVREVRQLTLRKLQELSSKADEASELACPTPKEDGLAQQQTQLNLRSLLVNPEGPTLMRLNSVQSSERPLFLVHPIEGSTTVFHSLASRLSIPTYGLQCTRAAPLDSIHSLAAYIDCIRQVQPEGPYRVAGYSYGACVAFEMCSQLQAQQSPAPTHNSLFLFDGSPTYVLAYTQSYRAKLTPGCEAEAEATEAICFFVQQFTDMEHNRVLEALLPLKGLEERVAAVDLIKSHQGLDRQELSFAARSFYKLRAAEQYTPKAKYHGNVMLLRAKTGGAYGEDLGADYNLSQVCDGKVSVHVIEGDHRTLLEGSGLESISIIHSSLAEP RVSVREG
Host	Rabbit
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.

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- Western Blot (Transfected lysate)

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[Protocol Download](#)

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](#)