

Rabbit anti-Human, Rat Fatty Acid Synthase (FASN) Polyclonal Antibody | anti-FASN antibody

[KO Validated] Fatty Acid Synthase (FASN) Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282385	Rabbit	Human, Rat	Western Blot

PRODUCT SYNONYMS

Fatty Acid Synthase (FASN); Polyclonal Antibody; [KO Validated] Fatty Acid Synthase (FASN) Rabbit pAb; FAS; OA-519; SDR27X1; anti-FASN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	SLLVNPEGPT LMRLNSVQSS ERPLFLVHPI EGSTTVFHSL ASRLSIPTYG LQCTRAAPLD SIHSLAAYYI DCIRQVQPEG PYRVAGYSYG ACVAFEMCSQ LQAQQSPAPT HNSLFLFDGS PTYVLAYTQS YRAKLTPGCE AEAETEaICF FVQQFTDMEH NRVLEALLPL KGLEERVAAA VDLIIKSHQG LDRQELSFAA RSFYKLRRAA EQYTPKAKYH GNVMLLRAKT GGAYGEDLGA DYNLSQVCDG KVSVHVIEGD HRTLLEGSGL ESIISIIHSS LAEPVSVRE G
Applicable Applications for anti-FASN antibody	WB (Western Blot)
Positive Samples	HeLa, MCF7, 293T, Rat liver
Cellular Location	Cytoplasm, Melanosome
Research Area	Epigenetics Nuclear Signaling, RNA Binding, Cancer, Tumor biomarkers, Signal Transduction, Endocrine Metabolism, Lipid Metabolism, AMPK Signaling Pathway, Neuroscience, Cardiovascular, Lipids, Fatty Acids
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 2221-2511 of human Fatty Acid Synthase (FASN)(NP_004095.4).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



WB (Western Blot)
Western blot analysis of extracts from wild type(WT) and Fatty Acid Synthase (FASN) Rabbit pAb knockout (KO) HeLa cells, using Fatty Acid Synthase (FASN) Rabbit pAb antibody (AAA282385) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 0.5s.



WB (Western Blot)
Western blot analysis of Rat liver, using Fatty Acid Synthase (FASN) Rabbit pAb antibody (AAA282385) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 0.5s.



WB (Western Blot)
Western blot analysis of various lysates, using Fatty Acid Synthase (FASN) Rabbit pAb antibody (AAA282385) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 0.5s.

ADDITIONAL INFORMATION

Related Product Information for anti-FASN antibody	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.
Product Categories/Family for anti-FASN antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	41872631
NCBI GeneID	2194
NCBI Accession #	NP_004095.4
NCBI GenBank Nucleotide #	NM_004104.4
UniProt Accession #	P49327 ; Q13479 ; Q16702 ; Q4LE83 ; Q6P4U5 ; Q6SS02 ; Q969R1 ; Q96C68 ; Q96IT0
Molecular Weight	273,427 Da
NCBI Official Full Name	fatty acid synthase
NCBI Official Synonym Full Names	fatty acid synthase
NCBI Official Symbol	FASN
NCBI Official Synonym Symbols	FAS; OA-519; SDR27X1
NCBI Protein Information	fatty acid synthase; short chain dehydrogenase/reductase family 27X, member 1
UniProt Protein Name	Fatty acid synthase
UniProt Gene Name	FASN
UniProt Synonym Gene Names	FAS
UniProt Entry Name	FAS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fatty-acid-synthase-fasn-antibody-western-blot-elisa/282385>