

[KO Validated] FASN Polyclonal Antibody

Catalog No.	A0462	Category	Polyclonal Antibodies
Applications	WB, IHC, IF, IP	Observed MW	275kDa
Cross-reactivity	Human	Calculated MW	273kDa

Immunogen Information

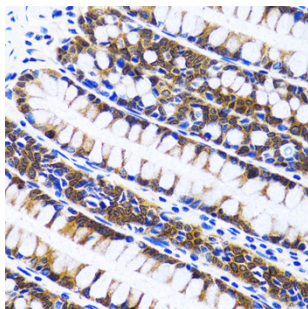
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 2212-2511 of human FASN (NP_004095.4).
Gene ID	2194
Swiss prot	P49327
Synonyms	FASN; FAS; OA-519; SDR27X1; fatty acid synthase

Product information

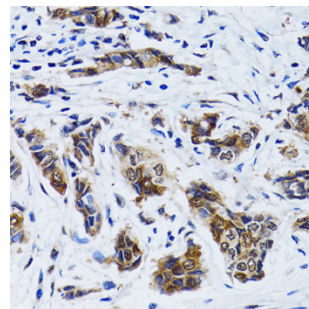
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

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.



Immunohistochemistry - [KO Validated] FASN Polyclonal Antibody (A0462)



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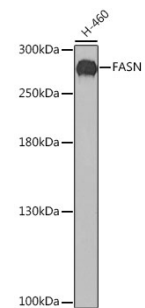
Recommended Dilutions

WB 1:500 -
1:2000

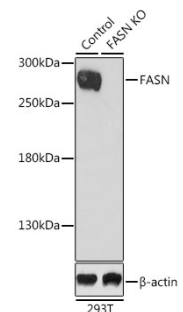
IHC 1:50 -
1:100

IF 1:50 -
1:200

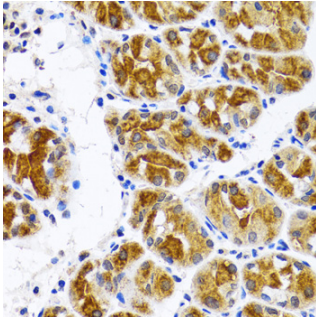
IP 1:50 -
1:100



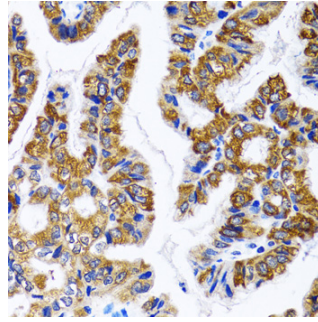
Western blot - [KO Validated] FASN Polyclonal Antibody (A0462)



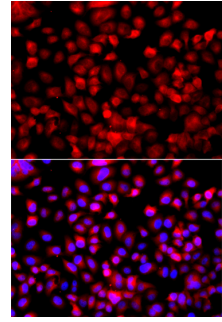
Western blot - [KO Validated] FASN Polyclonal Antibody (A0462)



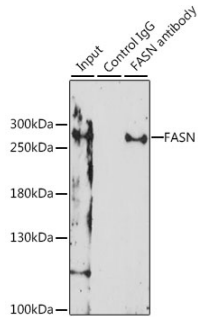
Immunohistochemistry - [KO Validated]
FASN Polyclonal Antibody (A0462)



Immunohistochemistry - [KO Validated]
FASN Polyclonal Antibody (A0462)



Immunofluorescence - [KO Validated]
FASN Polyclonal Antibody (A0462)



Immunoprecipitation - [KO Validated]
FASN Polyclonal Antibody (A0462)