

Product Datasheet

FASN Antibody (Center) (orb1929252)

Catalog Number	orb1929252
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	FASN
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Immunogen	This FASN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 942-973 amino acids from the Central region of human FASN. Antigen Region: 942-973 aa.
UniProt ID	P49327
MW	273427 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:16000, IHC-P - 1:10-50, FC - 1:10-50

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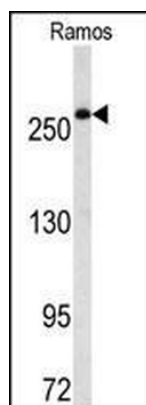
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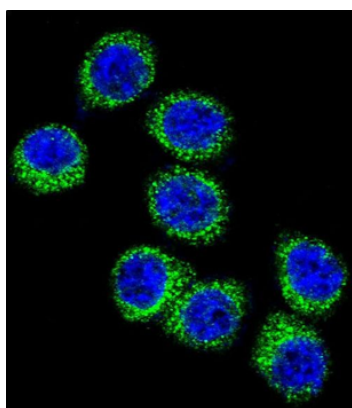
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_004095.4
Expiration Date	12 months from date of receipt.



Western blot analysis of FASN Antibody (Center) in Ramos cell line lysates (35 ug/lane). FASN (arrow) was detected using the purified Pab.



Confocal immunofluorescent analysis of FASN Antibody (Center) with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

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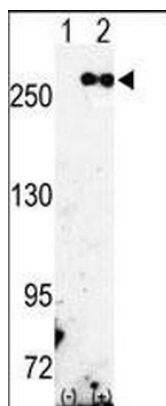
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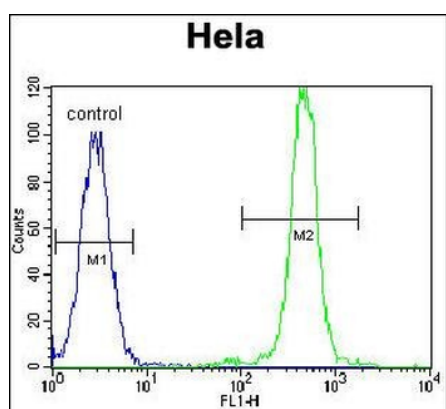
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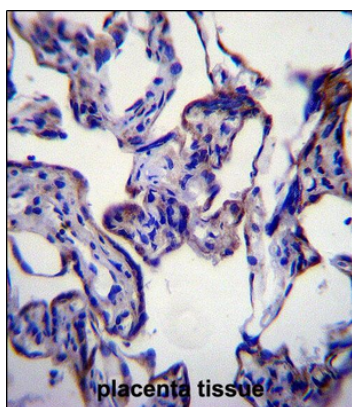
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Western blot analysis of FASN (arrow) using rabbit polyclonal FASN Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the FASN gene (Lane 2).



FASN Antibody (Center) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



FASN Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FASN Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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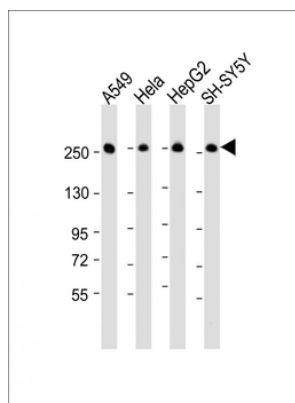
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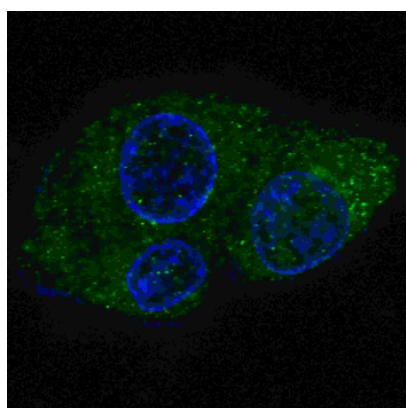
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All lanes: Anti-FASN Antibody (Center) at 1: 16000 dilution. Lane 1: A549 whole cell lysate. Lane 2: HeLa whole cell lysate. Lane 3: HepG2 whole cell lysate. Lane 4: SH-SY5Y whole cell lysate. Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 273 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Fluorescent confocal image of HepG2 cells stained with FASN (Center) antibody. HepG2 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with FASN (Center) primary antibody (1: 200, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue) (10 μ g/ml, 5 min).

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