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Product datasheet for TA324351

Fatty Acid Synthase (FASN) Mouse Monoclonal Antibody [Clone ID: 497CT15.2.5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	497CT15.2.5
Applications:	IF, WB
Recommended Dilution:	IF: 1:200, WB: 1:100~1000
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	This FASN antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 942-973 amino acids from the Central region of human FASN.
Formulation:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	273427 Da
Gene Name:	fatty acid synthase
Database Link:	NP_004095 Entrez Gene 14104 MouseEntrez Gene 2194 Human P49327
Synonyms:	FAS; OA-519; SDR27X1
Protein Families:	Druggable Genome
Protein Pathways:	Fatty acid biosynthesis, Insulin signaling pathway, Metabolic pathways

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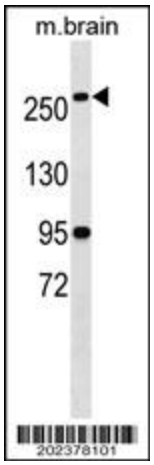
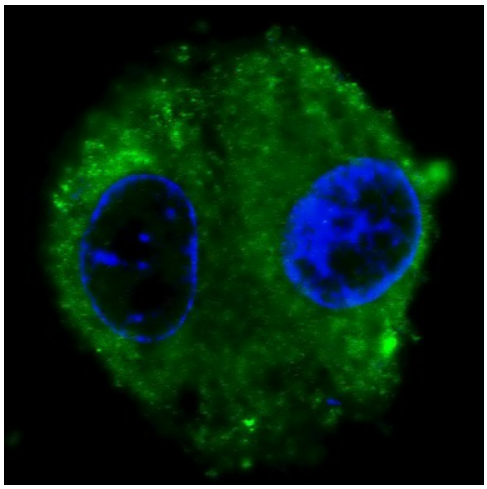
Product images:



FASN Antibody (Center) (Cat. #TA324351) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the FASN antibody detected the FASN protein (arrow).



IF image of HepG2 cells stained with FASN (Center) antibody. HepG2 cells were incubated with TA324351 FASN primary antibody (1:200, 2 h at RT). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-mouse antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue). Note the highly specific localization of the FASN immunosignal to the cytoplasm, supported by Human Protein Atlas Data (http://www.proteinatlas.org/ENSG00000169710).