

## Product datasheet for TA324352

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

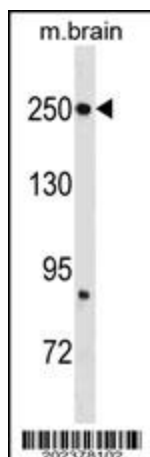
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	497CT15.2.5
Applications:	IF, WB
Recommend Dilution:	IF: 1:200, WB: 1:100
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:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	2.0 mg/ml
Purification:	This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.
Predicted Protein Size:	273427 Da
Gene Name:	fatty acid synthase
Database Link:	<a href="#">NP_004095 Entrez Gene 14104 Mouse</a> <a href="#">Entrez Gene 2194 Human</a>
Synonyms:	FAS; OA-519; SDR27X1
Protein Families:	Druggable Genome
Protein Pathways:	Fatty acid biosynthesis, Insulin signaling pathway, Metabolic pathways

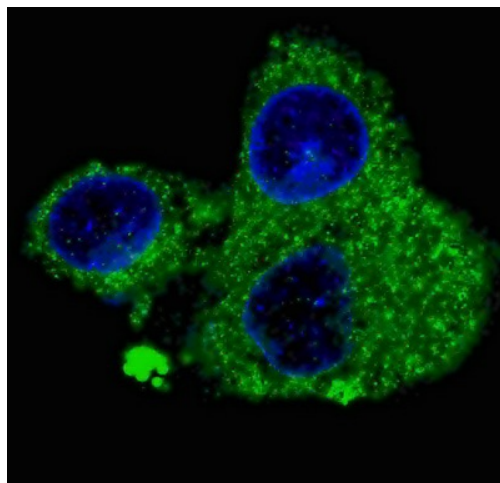


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## Product images:



FASN Antibody (Center) (Cat. #TA324352) western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the FASN (Center) antibody detected the FASN (Center) protein (arrow).



IF image of HepG2 cells stained with FASN (Center) antibody. HepG2 cells were incubated with TA324352 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>).